

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092523\
 Data File : VX037896.D
 Acq On : 25 Sep 2023 15:51
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 26 06:58:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/26/2023
 Supervised By : Semsettin Yesilyurt 09/26/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.549	168	242054	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	390724	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	381485	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	222021	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	156457	49.197	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.400%		
35) Dibromofluoromethane	5.385	113	135143	51.693	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.380%		
50) Toluene-d8	8.646	98	509833	52.485	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	104.960%		
62) 4-Bromofluorobenzene	11.079	95	202264	57.301	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	114.600%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	104261	40.866	ug/l	96
3) Chloromethane	1.294	50	110452	39.789	ug/l	99
4) Vinyl Chloride	1.373	62	124766	41.661	ug/l	99
5) Bromomethane	1.599	94	94306	43.987	ug/l	98
6) Chloroethane	1.684	64	87130	42.232	ug/l	99
7) Trichlorofluoromethane	1.885	101	220637	45.826	ug/l	100
8) Diethyl Ether	2.129	74	83079	44.539	ug/l	79
9) 1,1,2-Trichlorotrifluo...	2.330	101	112889	46.201	ug/l	97
10) Methyl Iodide	2.452	142	132819	41.075	ug/l	93
11) Tert butyl alcohol	2.952	59	143542	210.279	ug/l	# 92
12) 1,1-Dichloroethene	2.318	96	101939	43.168	ug/l	86
13) Acrolein	2.233	56	141033	209.132	ug/l	100
14) Allyl chloride	2.660	41	170516	43.355	ug/l	# 96
15) Acrylonitrile	3.056	53	327658	215.887	ug/l	99
16) Acetone	2.373	43	333254	217.830	ug/l	90
17) Carbon Disulfide	2.513	76	232978	39.350	ug/l	99
18) Methyl Acetate	2.696	43	240640	43.603	ug/l	93
19) Methyl tert-butyl Ether	3.111	73	394194	45.378	ug/l	99
20) Methylene Chloride	2.788	84	128231	45.334	ug/l	90
21) trans-1,2-Dichloroethene	3.086	96	118432	45.165	ug/l	89
22) Diisopropyl ether	3.757	45	376135	45.912	ug/l	87
23) Vinyl Acetate	3.714	43	1378550	228.768	ug/l	95
24) 1,1-Dichloroethane	3.605	63	219968	44.807	ug/l	99
25) 2-Butanone	4.550	43	462379	214.172	ug/l	93
26) 2,2-Dichloropropane	4.470	77	187301	47.217	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	145585	45.287	ug/l	91
28) Bromochloromethane	4.897	49	101643	44.381	ug/l	83
29) Tetrahydrofuran	4.995	42	283246	210.924	ug/l	90
30) Chloroform	5.086	83	244754	46.280	ug/l	97
31) Cyclohexane	5.464	56	179082	43.873	ug/l	91
32) 1,1,1-Trichloroethane	5.379	97	210120	46.924	ug/l	98
36) 1,1-Dichloropropene	5.690	75	169826	47.155	ug/l	96
37) Ethyl Acetate	4.708	43	174934	44.184	ug/l	97
38) Carbon Tetrachloride	5.671	117	182560	48.448	ug/l	96
39) Methylcyclohexane	7.378	83	211275	46.223	ug/l	92
40) Benzene	6.031	78	507102	45.789	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092523\
 Data File : VX037896.D
 Acq On : 25 Sep 2023 15:51
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/26/2023
 Supervised By : Semsettin Yesilyurt 09/26/2023

Quant Time: Sep 26 06:58:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.909	41	92362	45.752	ug/l #	90
42) 1,2-Dichloroethane	6.086	62	184790	46.165	ug/l	97
43) Isopropyl Acetate	6.336	43	288364	45.549	ug/l #	95
44) Trichloroethene	7.122	130	139344	45.180	ug/l	94
45) 1,2-Dichloropropane	7.427	63	134515	46.770	ug/l	97
46) Dibromomethane	7.580	93	99811	48.244	ug/l	94
47) Bromodichloromethane	7.817	83	190501	49.997	ug/l	97
48) Methyl methacrylate	7.689	41	139547	46.110	ug/l #	88
49) 1,4-Dioxane	7.653	88	72715	916.481	ug/l #	87
51) 4-Methyl-2-Pentanone	8.567	43	910809	226.758	ug/l	95
52) Toluene	8.713	92	338925	47.485	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	206867	51.923	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	217429	49.311	ug/l #	88
55) 1,1,2-Trichloroethane	9.146	97	145061	48.205	ug/l	96
56) Ethyl methacrylate	9.116	69	215777	48.031	ug/l	90
57) 1,3-Dichloropropane	9.305	76	230399	47.314	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	472542	225.262	ug/l	98
59) 2-Hexanone	9.427	43	719770	230.151	ug/l	93
60) Dibromochloromethane	9.518	129	155511	51.875	ug/l	100
61) 1,2-Dibromoethane	9.610	107	155052	48.665	ug/l	100
64) Tetrachloroethene	9.268	164	116586	44.812	ug/l	99
65) Chlorobenzene	10.079	112	377852	45.919	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.158	131	141218	48.427	ug/l	98
67) Ethyl Benzene	10.189	91	675009	47.314	ug/l	99
68) m/p-Xylenes	10.299	106	525471	95.319	ug/l	97
69) o-Xylene	10.640	106	257200	46.526	ug/l	99
70) Styrene	10.652	104	441017	49.693	ug/l	96
71) Bromoform	10.799	173	118934	51.629	ug/l #	99
73) Isopropylbenzene	10.963	105	687896	42.232	ug/l	97
74) N-amyl acetate	10.841	43	276288	41.883	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	238168	41.575	ug/l	99
76) 1,2,3-Trichloropropane	11.237	75	215561m	41.978	ug/l	
77) Bromobenzene	11.195	156	174043	43.170	ug/l	87
78) n-propylbenzene	11.305	91	835655	45.427	ug/l	99
79) 2-Chlorotoluene	11.365	91	483831	42.657	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	605810	44.041	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	70972	44.273	ug/l	89
82) 4-Chlorotoluene	11.451	91	573906	44.944	ug/l	96
83) tert-Butylbenzene	11.713	119	608364	43.759	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	609241	44.515	ug/l	98
85) sec-Butylbenzene	11.890	105	779462	46.214	ug/l	99
86) p-Isopropyltoluene	12.006	119	663557	47.220	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	344086	45.785	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	350580	45.587	ug/l	97
89) n-Butylbenzene	12.329	91	623790	50.672	ug/l	98
90) Hexachloroethane	12.536	117	111794	46.954	ug/l	85
91) 1,2-Dichlorobenzene	12.335	146	343655	44.788	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.944	75	48347	42.339	ug/l	74
93) 1,2,4-Trichlorobenzene	13.585	180	231399	51.197	ug/l	96
94) Hexachlorobutadiene	13.725	225	104510	49.515	ug/l	98
95) Naphthalene	13.774	128	704840	46.111	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	224100	48.180	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092523\
Data File : VX037896.D
Acq On : 25 Sep 2023 15:51
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/26/2023
Supervised By :Semsettin Yesilyurt 09/26/2023

Quant Time: Sep 26 06:58:21 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 16 04:55:44 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations APPROVED

Reviewed By :John Carlone 09/26/2023
Supervised By :Semsettin Yesilyurt 09/26/2023

[illegible]