

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092823\
 Data File : VX037960.D
 Acq On : 28 Sep 2023 19:17
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 29 05:50:25 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 09/29/2023
 Supervised By : Semsettin Yesilyurt 09/29/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	234023	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	383710	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	374690	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	218308	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	153701	49.989	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.980%		
35) Dibromofluoromethane	5.385	113	137229	53.450	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	106.900%		
50) Toluene-d8	8.647	98	495465	51.938	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	103.880%		
62) 4-Bromofluorobenzene	11.079	95	196996	56.828	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	113.660%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	109875	44.544	ug/l	100
3) Chloromethane	1.294	50	119596	44.561	ug/l	98
4) Vinyl Chloride	1.374	62	136192	47.037	ug/l	98
5) Bromomethane	1.599	94	111373	53.730	ug/l	99
6) Chloroethane	1.684	64	90905	45.574	ug/l	97
7) Trichlorofluoromethane	1.886	101	231886	49.815	ug/l	99
8) Diethyl Ether	2.136	74	85147	47.214	ug/l	79
9) 1,1,2-Trichlorotrifluo...	2.331	101	114673	48.542	ug/l	96
10) Methyl Iodide	2.453	142	149075	47.685	ug/l	92
11) Tert butyl alcohol	2.959	59	136288	206.504	ug/l	# 92
12) 1,1-Dichloroethene	2.318	96	111309	48.754	ug/l	83
13) Acrolein	2.233	56	143410	219.955	ug/l	99
14) Allyl chloride	2.666	41	170301	44.786	ug/l	# 95
15) Acrylonitrile	3.062	53	326319	222.383	ug/l	99
16) Acetone	2.379	43	269857	182.444	ug/l	# 89
17) Carbon Disulfide	2.514	76	266219	46.508	ug/l	99
18) Methyl Acetate	2.703	43	235533	44.142	ug/l	91
19) Methyl tert-butyl Ether	3.111	73	398164	47.408	ug/l	98
20) Methylene Chloride	2.788	84	135340	49.492	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	127118	50.141	ug/l	88
22) Diisopropyl ether	3.757	45	375549	47.414	ug/l	# 94
23) Vinyl Acetate	3.721	43	1374151	235.864	ug/l	# 94
24) 1,1-Dichloroethane	3.611	63	224304	47.258	ug/l	99
25) 2-Butanone	4.556	43	428120	205.109	ug/l	91
26) 2,2-Dichloropropane	4.477	77	170685	44.505	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	151838	48.853	ug/l	89
28) Bromochloromethane	4.897	49	97144	43.872	ug/l	# 78
29) Tetrahydrofuran	5.001	42	280900	216.355	ug/l	88
30) Chloroform	5.092	83	250479	48.988	ug/l	97
31) Cyclohexane	5.470	56	189521	48.024	ug/l	88
32) 1,1,1-Trichloroethane	5.385	97	217237	50.178	ug/l	98
36) 1,1-Dichloropropene	5.696	75	178844	50.567	ug/l	96
37) Ethyl Acetate	4.714	43	172150	44.276	ug/l	96
38) Carbon Tetrachloride	5.684	117	188810	51.022	ug/l	96
39) Methylcyclohexane	7.385	83	225281	50.188	ug/l	92
40) Benzene	6.037	78	532605	48.971	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092823\
 Data File : VX037960.D
 Acq On : 28 Sep 2023 19:17
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 29 05:50:25 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 09/29/2023
 Supervised By :Semsettin Yesilyurt 09/29/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	90857	45.829	ug/l #	88
42) 1,2-Dichloroethane	6.086	62	189685	48.254	ug/l	96
43) Isopropyl Acetate	6.336	43	284367	45.739	ug/l #	95
44) Trichloroethene	7.129	130	147534	48.710	ug/l	94
45) 1,2-Dichloropropane	7.433	63	136767	48.423	ug/l	100
46) Dibromomethane	7.580	93	103119	50.754	ug/l	93
47) Bromodichloromethane	7.824	83	190962	51.034	ug/l	97
48) Methyl methacrylate	7.696	41	137660	46.318	ug/l #	85
49) 1,4-Dioxane	7.659	88	70048	899.006	ug/l #	87
51) 4-Methyl-2-Pentanone	8.573	43	897309	227.480	ug/l	94
52) Toluene	8.720	92	356087	50.802	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	203002	51.885	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	219459	50.682	ug/l #	88
55) 1,1,2-Trichloroethane	9.153	97	147802	50.014	ug/l	95
56) Ethyl methacrylate	9.116	69	218619	49.553	ug/l	89
57) 1,3-Dichloropropane	9.311	76	234874	49.115	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	424990	206.297	ug/l	98
59) 2-Hexanone	9.427	43	686570	223.548	ug/l	93
60) Dibromochloromethane	9.524	129	157461	53.486	ug/l	99
61) 1,2-Dibromoethane	9.610	107	159812	51.076	ug/l	99
64) Tetrachloroethene	9.275	164	128003	50.093	ug/l	98
65) Chlorobenzene	10.079	112	393469	48.684	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	144209	50.350	ug/l	99
67) Ethyl Benzene	10.195	91	698043	49.816	ug/l	99
68) m/p-Xylenes	10.299	106	550778	101.722	ug/l	96
69) o-Xylene	10.640	106	271052	49.921	ug/l	96
70) Styrene	10.652	104	453754	52.056	ug/l	96
71) Bromoform	10.799	173	116074	51.302	ug/l #	100
73) Isopropylbenzene	10.963	105	710033	44.332	ug/l	98
74) N-amyl acetate	10.841	43	273302	42.135	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	239817	42.575	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	209132m	41.418	ug/l	
77) Bromobenzene	11.195	156	178824	45.110	ug/l	87
78) n-propylbenzene	11.305	91	844763	46.703	ug/l	98
79) 2-Chlorotoluene	11.366	91	488502	43.801	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	618456	45.725	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	66217	42.010	ug/l	90
82) 4-Chlorotoluene	11.451	91	584177	46.526	ug/l	95
83) tert-Butylbenzene	11.713	119	611837	44.758	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	615665	45.749	ug/l	97
85) sec-Butylbenzene	11.890	105	780561	47.066	ug/l	98
86) p-Isopropyltoluene	12.006	119	665044	48.131	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	352151	47.655	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	354699	46.907	ug/l	98
89) n-Butylbenzene	12.329	91	617856	51.044	ug/l	97
90) Hexachloroethane	12.536	117	109008	46.562	ug/l	87
91) 1,2-Dichlorobenzene	12.335	146	348084	46.136	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.938	75	48364	43.074	ug/l	74
93) 1,2,4-Trichlorobenzene	13.585	180	235508	52.992	ug/l	96
94) Hexachlorobutadiene	13.725	225	103813	50.021	ug/l	98
95) Naphthalene	13.774	128	720373	47.928	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	226134	49.445	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092823\
Data File : VX037960.D
Acq On : 28 Sep 2023 19:17
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023

Quant Time: Sep 29 05:50:25 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

Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023

[illegible]