

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090923\
 Data File : VX037616.D
 Acq On : 09 Sep 2023 10:26
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/11/2023
 Supervised By : Mahesh Dadoda 09/11/2023

Quant Time: Sep 11 01:16:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090823W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 09 06:38:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.549	168	166351	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.756	114	268925	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	250755	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	135938	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	102096	45.466	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.940%		
35) Dibromofluoromethane	5.379	113	92717	49.292	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.580%		
50) Toluene-d8	8.646	98	343506	49.792	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.580%		
62) 4-Bromofluorobenzene	11.079	95	135080	51.952	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.900%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	88982	52.706	ug/l	97
3) Chloromethane	1.300	50	88996	47.089	ug/l	99
4) Vinyl Chloride	1.373	62	93610	48.080	ug/l	99
5) Bromomethane	1.599	94	40495	46.938	ug/l	94
6) Chloroethane	1.678	64	48231	48.613	ug/l	98
7) Trichlorofluoromethane	1.879	101	140863	53.235	ug/l	99
8) Diethyl Ether	2.135	74	53844	45.782	ug/l	75
9) 1,1,2-Trichlorotrifluo...	2.324	101	90181	50.955	ug/l	95
10) Methyl Iodide	2.446	142	113548	49.467	ug/l	90
11) Tert butyl alcohol	2.964	59	107486	213.911	ug/l #	92
12) 1,1-Dichloroethene	2.312	96	85428	47.822	ug/l #	80
13) Acrolein	2.233	56	107021	216.635	ug/l	98
14) Allyl chloride	2.660	41	122163	48.768	ug/l #	86
15) Acrylonitrile	3.062	53	245104	223.737	ug/l	98
16) Acetone	2.379	43	255107	276.257	ug/l #	84
17) Carbon Disulfide	2.507	76	210909	47.140	ug/l	99
18) Methyl Acetate	2.702	43	167246	44.640	ug/l #	85
19) Methyl tert-butyl Ether	3.111	73	287299	45.362	ug/l	96
20) Methylene Chloride	2.788	84	97962	45.870	ug/l #	82
21) trans-1,2-Dichloroethene	3.086	96	94247	47.230	ug/l	84
22) Diisopropyl ether	3.757	45	245586	46.298	ug/l #	84
23) Vinyl Acetate	3.720	43	899199	237.458	ug/l #	88
24) 1,1-Dichloroethane	3.605	63	159393	46.111	ug/l	97
25) 2-Butanone	4.550	43	335247	239.376	ug/l #	83
26) 2,2-Dichloropropane	4.470	77	135137	53.030	ug/l	94
27) cis-1,2-Dichloroethene	4.482	96	108947	45.814	ug/l	85
28) Bromochloromethane	4.897	49	68495	45.395	ug/l #	67
29) Tetrahydrofuran	5.001	42	196492	219.003	ug/l #	81
30) Chloroform	5.092	83	171772	46.314	ug/l	98
31) Cyclohexane	5.464	56	137399	50.288	ug/l	88
32) 1,1,1-Trichloroethane	5.379	97	152850	47.850	ug/l	95
36) 1,1-Dichloropropene	5.690	75	125419	50.471	ug/l	96
37) Ethyl Acetate	4.708	43	116004	45.530	ug/l #	91
38) Carbon Tetrachloride	5.671	117	137041	53.361	ug/l	98
39) Methylcyclohexane	7.378	83	167182	55.176	ug/l	88
40) Benzene	6.037	78	372657	48.739	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090923\
 Data File : VX037616.D
 Acq On : 09 Sep 2023 10:26
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/11/2023
 Supervised By : Mahesh Dadoda 09/11/2023

Quant Time: Sep 11 01:16:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090823W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 09 06:38:11 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.915	41	63014	48.550	ug/l #	84
42) 1,2-Dichloroethane	6.080	62	124229	48.522	ug/l	91
43) Isopropyl Acetate	6.336	43	185114	48.509	ug/l #	87
44) Trichloroethene	7.122	130	105521	50.243	ug/l	94
45) 1,2-Dichloropropane	7.427	63	93052	49.695	ug/l	99
46) Dibromomethane	7.580	93	69629	49.548	ug/l	92
47) Bromodichloromethane	7.817	83	132595	51.636	ug/l	99
48) Methyl methacrylate	7.689	41	90845	49.739	ug/l #	77
49) 1,4-Dioxane	7.659	88	51124	892.122	ug/l #	87
51) 4-Methyl-2-Pentanone	8.573	43	589264	242.796	ug/l #	86
52) Toluene	8.713	92	248584	50.056	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	144230	54.093	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	158427	53.404	ug/l #	80
55) 1,1,2-Trichloroethane	9.152	97	102474	49.629	ug/l	97
56) Ethyl methacrylate	9.116	69	153510	51.025	ug/l #	79
57) 1,3-Dichloropropane	9.305	76	166279	48.321	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	373098	245.112	ug/l	91
59) 2-Hexanone	9.427	43	485854	262.473	ug/l	82
60) Dibromochloromethane	9.518	129	109462	53.243	ug/l	100
61) 1,2-Dibromoethane	9.610	107	109543	49.541	ug/l	100
64) Tetrachloroethene	9.274	164	88032	50.134	ug/l	98
65) Chlorobenzene	10.079	112	271646	49.307	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.164	131	100912	51.684	ug/l	99
67) Ethyl Benzene	10.195	91	482067	51.476	ug/l	98
68) m/p-Xylenes	10.299	106	382612	103.861	ug/l	95
69) o-Xylene	10.640	106	186767	50.988	ug/l	95
70) Styrene	10.652	104	314767	52.855	ug/l	95
71) Bromoform	10.798	173	81107	51.900	ug/l #	99
73) Isopropylbenzene	10.963	105	491507	48.136	ug/l	98
74) N-amyl acetate	10.841	43	168900	47.987	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	11.213	83	161686	45.566	ug/l	99
76) 1,2,3-Trichloropropane	11.237	75	132197m	41.541	ug/l	
77) Bromobenzene	11.195	156	119063	47.108	ug/l	89
78) n-propylbenzene	11.304	91	574150	50.561	ug/l	98
79) 2-Chlorotoluene	11.365	91	344846	47.794	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	427710	49.384	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	50584	48.747	ug/l #	82
82) 4-Chlorotoluene	11.451	91	397835	48.901	ug/l	97
83) tert-Butylbenzene	11.713	119	424207	48.582	ug/l	95
84) 1,2,4-Trimethylbenzene	11.749	105	429202	49.567	ug/l	96
85) sec-Butylbenzene	11.890	105	540099	51.309	ug/l	99
86) p-Isopropyltoluene	12.012	119	464779	52.136	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	232344	48.316	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	237893	48.628	ug/l	99
89) n-Butylbenzene	12.329	91	401162	54.768	ug/l	98
90) Hexachloroethane	12.536	117	80067	52.855	ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	228371	47.674	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.938	75	35251	46.659	ug/l	72
93) 1,2,4-Trichlorobenzene	13.585	180	151610	52.328	ug/l	97
94) Hexachlorobutadiene	13.725	225	71322	55.766	ug/l	99
95) Naphthalene	13.774	128	494031	48.812	ug/l	100
96) 1,2,3-Trichlorobenzene	13.956	180	148560	49.640	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090923\
Data File : VX037616.D
Acq On : 09 Sep 2023 10:26
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023

Quant Time: Sep 11 01:16:52 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090823W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 09 06:38:11 2023
Response via : Initial Calibration

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

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

