

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080724\
 Data File : VX042938.D
 Acq On : 08 Aug 2024 02:14
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/08/2024
 Supervised By : Mahesh Dadoda 08/09/2024

Quant Time: Aug 08 04:06:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080724W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 07 02:55:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	224713	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	382346	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	338642	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	169985	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	152601	49.468	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.940%		
35) Dibromofluoromethane	5.391	113	120120	48.049	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.100%		
50) Toluene-d8	8.647	98	411963	46.419	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.840%		
62) 4-Bromofluorobenzene	11.079	95	155774	48.845	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.680%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	126060	52.045	ug/l	99
3) Chloromethane	1.294	50	130364	49.397	ug/l	97
4) Vinyl Chloride	1.374	62	129755	51.820	ug/l	99
5) Bromomethane	1.599	94	81417	53.726	ug/l	100
6) Chloroethane	1.666	64	69293	48.575	ug/l	97
7) Trichlorofluoromethane	1.873	101	192507	49.435	ug/l	97
8) Diethyl Ether	2.136	74	75888	52.982	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.318	101	120659	49.282	ug/l	95
10) Methyl Iodide	2.447	142	155948	61.600	ug/l	93
11) Tert butyl alcohol	3.001	59	176871	288.252	ug/l	# 94
12) 1,1-Dichloroethene	2.312	96	125501	50.670	ug/l	86
13) Acrolein	2.239	56	152422	252.012	ug/l	99
14) Allyl chloride	2.660	41	199934	53.423	ug/l	94
15) Acrylonitrile	3.074	53	398124	254.212	ug/l	99
16) Acetone	2.392	43	326098	243.715	ug/l	91
17) Carbon Disulfide	2.507	76	291232	48.319	ug/l	99
18) Methyl Acetate	2.709	43	209426	49.357	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	442228	53.047	ug/l	99
20) Methylene Chloride	2.788	84	146223	52.921	ug/l	92
21) trans-1,2-Dichloroethene	3.087	96	129117	51.815	ug/l	92
22) Diisopropyl ether	3.769	45	417735	50.809	ug/l	86
23) Vinyl Acetate	3.721	43	2469071	264.604	ug/l	97
24) 1,1-Dichloroethane	3.605	63	244239	51.653	ug/l	99
25) 2-Butanone	4.568	43	530050	252.252	ug/l	94
26) 2,2-Dichloropropane	4.471	77	133063	45.775	ug/l	94
27) cis-1,2-Dichloroethene	4.483	96	156777	53.051	ug/l	88
28) Bromochloromethane	4.903	49	89694	49.435	ug/l	85
29) Tetrahydrofuran	5.013	42	350539	246.874	ug/l	95
30) Chloroform	5.092	83	258873	52.297	ug/l	99
31) Cyclohexane	5.464	56	188420	48.814	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	226326	51.937	ug/l	97
36) 1,1-Dichloropropene	5.690	75	165583	48.852	ug/l	98
37) Ethyl Acetate	4.721	43	206374	48.664	ug/l	97
38) Carbon Tetrachloride	5.678	117	192690	50.361	ug/l	97
39) Methylcyclohexane	7.379	83	198031	49.148	ug/l	94
40) Benzene	6.037	78	529157	50.303	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080724\
 Data File : VX042938.D
 Acq On : 08 Aug 2024 02:14
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/08/2024
 Supervised By : Mahesh Dadoda 08/09/2024

Quant Time: Aug 08 04:06:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080724W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 07 02:55:22 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	111939	51.248	ug/l	94
42) 1,2-Dichloroethane	6.086	62	197651	51.656	ug/l	99
43) Isopropyl Acetate	6.342	43	321933	51.330	ug/l	97
44) Trichloroethene	7.123	130	130362	49.319	ug/l	99
45) 1,2-Dichloropropane	7.427	63	131321	49.212	ug/l	96
46) Dibromomethane	7.580	93	99801	50.922	ug/l	93
47) Bromodichloromethane	7.824	83	191359	52.560	ug/l	99
48) Methyl methacrylate	7.696	41	155580	51.734	ug/l	91
49) 1,4-Dioxane	7.665	88	68284	1022.844	ug/l #	93
51) 4-Methyl-2-Pentanone	8.573	43	1066573	253.882	ug/l	97
52) Toluene	8.720	92	327179	51.275	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	177172	52.643	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	194788	52.407	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	133804	51.582	ug/l	94
56) Ethyl methacrylate	9.116	69	223560	53.557	ug/l	93
57) 1,3-Dichloropropane	9.311	76	219940	51.758	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	520822	264.731	ug/l	99
59) 2-Hexanone	9.433	43	823720	253.041	ug/l	97
60) Dibromochloromethane	9.518	129	150492	52.812	ug/l	100
61) 1,2-Dibromoethane	9.610	107	143385	52.317	ug/l	99
64) Tetrachloroethene	9.275	164	120169	51.036	ug/l	99
65) Chlorobenzene	10.079	112	362900	50.500	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	130260	52.569	ug/l	99
67) Ethyl Benzene	10.195	91	628011	51.954	ug/l	99
68) m/p-Xylenes	10.299	106	480056	104.031	ug/l	100
69) o-Xylene	10.640	106	238771	51.653	ug/l	99
70) Styrene	10.652	104	403427	54.272	ug/l	97
71) Bromoform	10.799	173	109505	52.025	ug/l #	99
73) Isopropylbenzene	10.963	105	609545	49.598	ug/l	98
74) N-amyl acetate	10.841	43	284071	51.371	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	213998	47.532	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	178771m	46.763	ug/l	
77) Bromobenzene	11.195	156	154315	49.361	ug/l	91
78) n-propylbenzene	11.305	91	695287	50.932	ug/l	100
79) 2-Chlorotoluene	11.366	91	434385	49.646	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	520519	51.151	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	57976	49.311	ug/l	92
82) 4-Chlorotoluene	11.457	91	495502	50.383	ug/l	98
83) tert-Butylbenzene	11.713	119	524841	50.187	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	526717	51.414	ug/l	99
85) sec-Butylbenzene	11.890	105	636259	51.669	ug/l	100
86) p-Isopropyltoluene	12.006	119	531794	51.979	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	281884	49.822	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	281315	48.510	ug/l	98
89) n-Butylbenzene	12.329	91	447196	50.667	ug/l	97
90) Hexachloroethane	12.536	117	91771	49.037	ug/l	84
91) 1,2-Dichlorobenzene	12.335	146	289994	51.185	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	50106	50.650	ug/l	83
93) 1,2,4-Trichlorobenzene	13.585	180	173882	50.315	ug/l	97
94) Hexachlorobutadiene	13.725	225	73761	50.326	ug/l	98
95) Naphthalene	13.774	128	632424	52.884	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	183235	52.674	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080724\
Data File : VX042938.D
Acq On : 08 Aug 2024 02:14
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/08/2024
Supervised By :Mahesh Dadoda 08/09/2024

Quant Time: Aug 08 04:06:44 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080724W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 07 02:55:22 2024
Response via : Initial Calibration

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

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

