

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090722\
 Data File : VX031183.D
 Acq On : 08 Sep 2022 00:39
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/08/2022
 Supervised By : Mahesh Dadoda 09/08/2022

Quant Time: Sep 08 01:10:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 07 23:22:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.555	168	45134	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	77646	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	82357	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	50191	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	63102	59.053	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 118.100%			
35) Dibromofluoromethane	5.385	113	44813	52.962	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.920%			
50) Toluene-d8	8.652	98	155057	50.438	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.880%			
62) 4-Bromofluorobenzene	11.085	95	62679	55.636	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.280%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	39226	54.081	ug/l	99
3) Chloromethane	1.288	50	26901	48.265	ug/l	99
4) Vinyl Chloride	1.373	62	33469	50.869	ug/l	98
5) Bromomethane	1.611	94	16591	39.467	ug/l	92
6) Chloroethane	1.684	64	20368	55.185	ug/l	98
7) Trichlorofluoromethane	1.885	101	81414	56.786	ug/l	99
8) Diethyl Ether	2.135	74	22489	55.226	ug/l	73
9) 1,1,2-Trichlorotrifluo...	2.330	101	43583	53.757	ug/l	95
10) Methyl Iodide	2.452	142	34277	34.191	ug/l	# 81
11) Tert butyl alcohol	3.001	59	63812	343.706	ug/l	# 86
12) 1,1-Dichloroethene	2.318	96	41215	54.086	ug/l	94
13) Acrolein	2.239	56	37570	253.159	ug/l	97
14) Allyl chloride	2.666	41	56189	54.889	ug/l	# 78
15) Acrylonitrile	3.068	53	115160	283.028	ug/l	96
16) Acetone	2.391	43	110447	298.512	ug/l	93
17) Carbon Disulfide	2.513	76	105331	56.222	ug/l	100
18) Methyl Acetate	2.708	43	53474	55.829	ug/l	92
19) Methyl tert-butyl Ether	3.117	73	156354	57.768	ug/l	92
20) Methylene Chloride	2.788	84	45447	52.262	ug/l	96
21) trans-1,2-Dichloroethene	3.092	96	43120	51.070	ug/l	88
22) Diisopropyl ether	3.763	45	115182	53.583	ug/l	# 94
23) Vinyl Acetate	3.727	43	521572	289.072	ug/l	# 91
24) 1,1-Dichloroethane	3.611	63	80680	56.585	ug/l	98
25) 2-Butanone	4.568	43	152386	278.055	ug/l	93
26) 2,2-Dichloropropane	4.476	77	61204	47.970	ug/l	92
27) cis-1,2-Dichloroethene	4.489	96	52316	53.968	ug/l	96
28) Bromochloromethane	4.903	49	28110	54.370	ug/l	# 80
29) Tetrahydrofuran	5.013	42	90500	279.698	ug/l	# 79
30) Chloroform	5.098	83	94095	55.791	ug/l	98
31) Cyclohexane	5.470	56	64259	53.814	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	89979	59.193	ug/l	99
36) 1,1-Dichloropropene	5.696	75	66426	52.422	ug/l	94
37) Ethyl Acetate	4.720	43	57867	51.477	ug/l	97
38) Carbon Tetrachloride	5.684	117	77855	58.397	ug/l	94
39) Methylcyclohexane	7.384	83	74715	51.627	ug/l	95
40) Benzene	6.043	78	176958	51.407	ug/l	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090722\
 Data File : VX031183.D
 Acq On : 08 Sep 2022 00:39
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/08/2022
 Supervised By : Mahesh Dadoda 09/08/2022

Quant Time: Sep 08 01:10:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 07 23:22:41 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.921	41	31342	53.321	ug/l #	90
42) 1,2-Dichloroethane	6.092	62	82308	58.402	ug/l	94
43) Isopropyl Acetate	6.348	43	96225	54.292	ug/l #	96
44) Trichloroethene	7.128	130	47065	48.641	ug/l	78
45) 1,2-Dichloropropane	7.433	63	42618	50.379	ug/l	95
46) Dibromomethane	7.586	93	35630	53.115	ug/l	95
47) Bromodichloromethane	7.823	83	76782	58.842	ug/l	97
48) Methyl methacrylate	7.695	41	47578	55.127	ug/l #	86
49) 1,4-Dioxane	7.695	88	24991	1048.919	ug/l	97
51) 4-Methyl-2-Pentanone	8.573	43	297680	274.285	ug/l	93
52) Toluene	8.720	92	115285	50.777	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	77751	57.196	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	78439	53.747	ug/l	98
55) 1,1,2-Trichloroethane	9.152	97	48802	52.282	ug/l	96
56) Ethyl methacrylate	9.116	69	75980	55.249	ug/l	92
57) 1,3-Dichloropropane	9.311	76	82091	50.897	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	163046	251.558	ug/l	95
59) 2-Hexanone	9.433	43	229749	279.934	ug/l	95
60) Dibromochloromethane	9.524	129	54462	56.593	ug/l	99
61) 1,2-Dibromoethane	9.610	107	54040	52.096	ug/l	98
64) Tetrachloroethene	9.274	164	40460	47.192	ug/l	94
65) Chlorobenzene	10.079	112	123321	50.858	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.164	131	48708	51.427	ug/l	95
67) Ethyl Benzene	10.195	91	235385	53.567	ug/l	96
68) m/p-Xylenes	10.305	106	169395	103.993	ug/l	82
69) o-Xylene	10.646	106	85061	52.322	ug/l	83
70) Styrene	10.658	104	140877	54.038	ug/l #	90
71) Bromoform	10.798	173	36535	57.896	ug/l #	98
73) Isopropylbenzene	10.963	105	230073	52.788	ug/l	97
74) N-amyl acetate	10.841	43	78499	56.573	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.213	83	71166	52.307	ug/l	99
76) 1,2,3-Trichloropropane	11.237	75	70153m	51.214	ug/l	
77) Bromobenzene	11.201	156	48756	51.471	ug/l	90
78) n-propylbenzene	11.304	91	272134	54.777	ug/l	96
79) 2-Chlorotoluene	11.365	91	169218	54.978	ug/l	91
80) 1,3,5-Trimethylbenzene	11.451	105	200510	54.723	ug/l	93
81) trans-1,4-Dichloro-2-b...	11.018	75	22338	52.590	ug/l	90
82) 4-Chlorotoluene	11.457	91	194391	54.588	ug/l	90
83) tert-Butylbenzene	11.719	119	189073	52.345	ug/l	90
84) 1,2,4-Trimethylbenzene	11.756	105	196384	55.131	ug/l	94
85) sec-Butylbenzene	11.890	105	238926	53.409	ug/l	97
86) p-Isopropyltoluene	12.012	119	199995	55.339	ug/l	93
87) 1,3-Dichlorobenzene	11.969	146	94896	53.903	ug/l	96
88) 1,4-Dichlorobenzene	12.042	146	91762	50.684	ug/l	95
89) n-Butylbenzene	12.335	91	177957	57.111	ug/l	98
90) Hexachloroethane	12.542	117	36236	58.355	ug/l	89
91) 1,2-Dichlorobenzene	12.335	146	90417	52.371	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.944	75	20978	56.142	ug/l	76
93) 1,2,4-Trichlorobenzene	13.591	180	54195	53.680	ug/l	96
94) Hexachlorobutadiene	13.725	225	21634	50.462	ug/l	99
95) Naphthalene	13.774	128	213977	54.104	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	55168	53.671	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090722\
Data File : VX031183.D
Acq On : 08 Sep 2022 00:39
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/08/2022
Supervised By :Mahesh Dadoda 09/08/2022

Quant Time: Sep 08 01:10:25 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090722W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 07 23:22:41 2022
Response via : Initial Calibration

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

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

