

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050823\
 Data File : VX035551.D
 Acq On : 08 May 2023 11:38
 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 05/09/2023
 Supervised By : Mahesh Dadoda 05/09/2023

Quant Time: May 09 03:39:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	293067	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	452486	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	398450	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	199577	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	179797	50.852	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.700%			
35) Dibromofluoromethane	5.379	113	152299	54.839	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.680%			
50) Toluene-d8	8.647	98	539392	51.485	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.980%			
62) 4-Bromofluorobenzene	11.079	95	209947	53.271	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.540%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	150000	48.371	ug/l	99
3) Chloromethane	1.294	50	118564	42.029	ug/l	99
4) Vinyl Chloride	1.374	62	128387	45.376	ug/l	97
5) Bromomethane	1.617	94	79924	42.501	ug/l	97
6) Chloroethane	1.691	64	71362	43.125	ug/l	98
7) Trichlorofluoromethane	1.886	101	222754	50.345	ug/l	99
8) Diethyl Ether	2.130	74	76401	47.359	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	154125	52.154	ug/l	96
10) Methyl Iodide	2.453	142	174514	46.791	ug/l	97
11) Tert butyl alcohol	2.995	59	163162	253.445	ug/l #	94
12) 1,1-Dichloroethene	2.318	96	142921	50.211	ug/l	96
13) Acrolein	2.239	56	146519	231.428	ug/l	99
14) Allyl chloride	2.666	41	259772	51.860	ug/l	97
15) Acrylonitrile	3.062	53	405035	251.551	ug/l	100
16) Acetone	2.392	43	409232	266.496	ug/l	98
17) Carbon Disulfide	2.514	76	361083	52.918	ug/l	100
18) Methyl Acetate	2.703	43	307969	51.863	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	513851	52.620	ug/l	97
20) Methylene Chloride	2.788	84	165595	47.030	ug/l	90
21) trans-1,2-Dichloroethene	3.087	96	156967	50.775	ug/l	95
22) Diisopropyl ether	3.757	45	503773	50.822	ug/l	90
23) Vinyl Acetate	3.715	43	1845621	270.877	ug/l	98
24) 1,1-Dichloroethane	3.605	63	286796	51.366	ug/l	99
25) 2-Butanone	4.556	43	567663	253.266	ug/l	95
26) 2,2-Dichloropropane	4.477	77	244379	55.868	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	184206	50.692	ug/l	96
28) Bromochloromethane	4.891	49	110230	46.327	ug/l	86
29) Tetrahydrofuran	5.007	42	350669	244.058	ug/l	95
30) Chloroform	5.086	83	295834	52.486	ug/l	97
31) Cyclohexane	5.470	56	256812	51.204	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	265841	53.817	ug/l	97
36) 1,1-Dichloropropene	5.690	75	223699	51.585	ug/l	98
37) Ethyl Acetate	4.708	43	211168	53.316	ug/l	96
38) Carbon Tetrachloride	5.672	117	235363	57.173	ug/l	100
39) Methylcyclohexane	7.379	83	281316	53.294	ug/l	99
40) Benzene	6.031	78	641357	51.557	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050823\
 Data File : VX035551.D
 Acq On : 08 May 2023 11:38
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: May 09 03:39:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 05/09/2023
 Supervised By :Mahesh Dadoda 05/09/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	122969	54.184	ug/l	98
42) 1,2-Dichloroethane	6.086	62	233336	52.607	ug/l	98
43) Isopropyl Acetate	6.336	43	364631	54.789	ug/l	96
44) Trichloroethene	7.123	130	181962	53.097	ug/l	97
45) 1,2-Dichloropropane	7.427	63	168278	53.656	ug/l	99
46) Dibromomethane	7.580	93	116084	53.900	ug/l	94
47) Bromodichloromethane	7.818	83	227730	57.390	ug/l	99
48) Methyl methacrylate	7.689	41	184467	56.506	ug/l	94
49) 1,4-Dioxane	7.708	88	77865	978.519	ug/l	96
51) 4-Methyl-2-Pentanone	8.573	43	1083862	265.087	ug/l	96
52) Toluene	8.720	92	416034	52.761	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	253328	61.131	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	276670	59.067	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	165490	52.646	ug/l	98
56) Ethyl methacrylate	9.116	69	262970	56.158	ug/l	90
57) 1,3-Dichloropropane	9.305	76	282546	52.550	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	558469	238.516	ug/l	95
59) 2-Hexanone	9.427	43	822372	267.731	ug/l	94
60) Dibromochloromethane	9.518	129	178448	59.250	ug/l	98
61) 1,2-Dibromoethane	9.610	107	176142	54.355	ug/l	99
64) Tetrachloroethene	9.275	164	157599	51.658	ug/l	98
65) Chlorobenzene	10.079	112	445207	51.645	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	169320	56.437	ug/l	99
67) Ethyl Benzene	10.195	91	797898	53.446	ug/l	100
68) m/p-Xylenes	10.299	106	615748	107.639	ug/l	98
69) o-Xylene	10.640	106	303715	54.143	ug/l	98
70) Styrene	10.652	104	502318	55.229	ug/l	98
71) Bromoform	10.799	173	127963	61.320	ug/l #	99
73) Isopropylbenzene	10.963	105	790779	54.204	ug/l	100
74) N-amyl acetate	10.841	43	313779	57.232	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	238742	52.724	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	199542m	50.122	ug/l	
77) Bromobenzene	11.195	156	194891	53.742	ug/l	91
78) n-propylbenzene	11.305	91	914382	54.573	ug/l	98
79) 2-Chlorotoluene	11.366	91	548844	52.421	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	672484	54.668	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	74322	60.464	ug/l	97
82) 4-Chlorotoluene	11.451	91	626612	53.286	ug/l	98
83) tert-Butylbenzene	11.713	119	689618	55.873	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	675735	54.671	ug/l	100
85) sec-Butylbenzene	11.890	105	817920	54.025	ug/l	99
86) p-Isopropyltoluene	12.006	119	711546	55.260	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	371882	53.960	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	368954	51.060	ug/l	99
89) n-Butylbenzene	12.335	91	600023	55.201	ug/l	99
90) Hexachloroethane	12.536	117	118742	60.242	ug/l	88
91) 1,2-Dichlorobenzene	12.335	146	359040	52.089	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	53566	58.994	ug/l	84
93) 1,2,4-Trichlorobenzene	13.591	180	235467	54.347	ug/l	99
94) Hexachlorobutadiene	13.725	225	102539	53.924	ug/l	99
95) Naphthalene	13.774	128	746452	55.963	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	232837	53.384	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050823\
Data File : VX035551.D
Acq On : 08 May 2023 11:38
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 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023

Quant Time: May 09 03:39:33 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 25 16:31:40 2023
Response via : Initial Calibration

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

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

