

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021425\
 Data File : VX044974.D
 Acq On : 14 Feb 2025 20:06
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/18/2025
 Supervised By : Mahesh Dadoda 02/19/2025

Quant Time: Feb 14 22:21:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 11 03:41:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	94445	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	171556	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	153467	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	76183	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	65892	47.661	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.320%		
35) Dibromofluoromethane	5.379	113	51627	46.286	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.580%		
50) Toluene-d8	8.647	98	188654	44.728	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	89.460%		
62) 4-Bromofluorobenzene	11.079	95	69901	49.160	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	98.320%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	66679	50.338	ug/l	98
3) Chloromethane	1.307	50	79606	49.377	ug/l	100
4) Vinyl Chloride	1.374	62	74720	47.840	ug/l	98
5) Bromomethane	1.599	94	32471	69.475	ug/l	94
6) Chloroethane	1.678	64	43505m	83.535	ug/l	
7) Trichlorofluoromethane	1.880	101	104484	52.899	ug/l	97
8) Diethyl Ether	2.130	74	38138	53.242	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.325	101	58245	48.807	ug/l	98
10) Methyl Iodide	2.447	142	81938	52.978	ug/l	97
11) Tert butyl alcohol	2.959	59	81773	318.831	ug/l	98
12) 1,1-Dichloroethene	2.313	96	61347	50.395	ug/l	99
13) Acrolein	2.233	56	73377	277.291	ug/l	99
14) Allyl chloride	2.660	41	115796	52.634	ug/l	97
15) Acrylonitrile	3.056	53	198676	290.127	ug/l	98
16) Acetone	2.373	43	169746	305.420	ug/l	97
17) Carbon Disulfide	2.508	76	158094	47.360	ug/l	100
18) Methyl Acetate	2.697	43	102495	58.441	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	210056	54.234	ug/l	99
20) Methylene Chloride	2.782	84	70630	51.883	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	61493	51.325	ug/l	90
22) Diisopropyl ether	3.757	45	229760	55.202	ug/l	96
23) Vinyl Acetate	3.715	43	961165	283.261	ug/l	99
24) 1,1-Dichloroethane	3.605	63	124800	53.588	ug/l	97
25) 2-Butanone	4.550	43	272772	302.246	ug/l	97
26) 2,2-Dichloropropane	4.471	77	85229	46.148	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	75807	52.676	ug/l	99
28) Bromochloromethane	4.897	49	52159	46.604	ug/l	97
29) Tetrahydrofuran	4.995	42	178501	297.864	ug/l	97
30) Chloroform	5.086	83	122388	54.189	ug/l	99
31) Cyclohexane	5.464	56	104172	48.520	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	101932	53.209	ug/l	99
36) 1,1-Dichloropropene	5.690	75	82797	51.452	ug/l	100
37) Ethyl Acetate	4.708	43	101851	56.903	ug/l	100
38) Carbon Tetrachloride	5.672	117	83568	52.993	ug/l	97
39) Methylcyclohexane	7.379	83	102598	49.315	ug/l	99
40) Benzene	6.031	78	264712	52.680	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021425\
 Data File : VX044974.D
 Acq On : 14 Feb 2025 20:06
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/18/2025
 Supervised By : Mahesh Dadoda 02/19/2025

Quant Time: Feb 14 22:21:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 11 03:41:08 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	59791	62.407	ug/l	97
42) 1,2-Dichloroethane	6.080	62	91650	57.228	ug/l	98
43) Isopropyl Acetate	6.336	43	166844	57.723	ug/l	98
44) Trichloroethene	7.123	130	61670	53.693	ug/l	98
45) 1,2-Dichloropropane	7.427	63	68342	54.668	ug/l	98
46) Dibromomethane	7.580	93	48498	55.940	ug/l	100
47) Bromodichloromethane	7.818	83	96049	57.216	ug/l	98
48) Methyl methacrylate	7.690	41	82197	60.311	ug/l	97
49) 1,4-Dioxane	7.653	88	37326	1276.524	ug/l	98
51) 4-Methyl-2-Pentanone	8.567	43	543106	309.071	ug/l	100
52) Toluene	8.714	92	159226	53.206	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	94505	55.632	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	103618	54.707	ug/l	96
55) 1,1,2-Trichloroethane	9.147	97	64087	55.708	ug/l	98
56) Ethyl methacrylate	9.116	69	106133	57.122	ug/l	96
57) 1,3-Dichloropropane	9.305	76	110929	55.110	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	246733	270.450	ug/l	100
59) 2-Hexanone	9.427	43	410543	324.260	ug/l	97
60) Dibromochloromethane	9.519	129	70306	57.145	ug/l	99
61) 1,2-Dibromoethane	9.604	107	65513	56.187	ug/l	100
64) Tetrachloroethene	9.269	164	49133	50.766	ug/l	98
65) Chlorobenzene	10.073	112	175110	53.124	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	57633	54.322	ug/l	100
67) Ethyl Benzene	10.189	91	308662	53.064	ug/l	99
68) m/p-Xylenes	10.299	106	227422	105.988	ug/l	98
69) o-Xylene	10.640	106	112850	52.414	ug/l	98
70) Styrene	10.652	104	191380	55.172	ug/l	98
71) Bromoform	10.799	173	46331	58.514	ug/l #	98
73) Isopropylbenzene	10.957	105	289482	47.192	ug/l	100
74) N-amyl acetate	10.841	43	147969	53.307	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	103911	49.296	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	87524m	51.817	ug/l	
77) Bromobenzene	11.195	156	69109	49.693	ug/l	97
78) n-propylbenzene	11.299	91	347506	49.081	ug/l	100
79) 2-Chlorotoluene	11.360	91	207868	47.769	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	241259	48.466	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	29650	45.155	ug/l	90
82) 4-Chlorotoluene	11.451	91	236705	49.168	ug/l	100
83) tert-Butylbenzene	11.713	119	245140	48.679	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	245839	50.037	ug/l	99
85) sec-Butylbenzene	11.890	105	308918	49.539	ug/l	99
86) p-Isopropyltoluene	12.006	119	254468	50.744	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	128049	50.069	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	128451	49.676	ug/l	99
89) n-Butylbenzene	12.329	91	245173	55.263	ug/l	99
90) Hexachloroethane	12.536	117	44714	47.620	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	127878	50.877	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	21727	56.476	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	81980	53.901	ug/l	100
94) Hexachlorobutadiene	13.719	225	31681	52.471	ug/l	98
95) Naphthalene	13.774	128	293624	53.406	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	80402	52.463	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021425\
Data File : VX044974.D
Acq On : 14 Feb 2025 20:06
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025

Quant Time: Feb 14 22:21:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 11 03:41:08 2025
Response via : Initial Calibration

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

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

