

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071625\
 Data File : VX047016.D
 Acq On : 16 Jul 2025 09:26
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 17 03:26:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:51:11 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
 Supervised By :Semsettin Yesilyurt 07/17/2025

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	329194	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	557691	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	489553	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	242580	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	227784	52.377	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.760%			
35) Dibromofluoromethane	5.391	113	186872	49.364	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.720%			
50) Toluene-d8	8.647	98	624373	46.747	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 93.500%			
62) 4-Bromofluorobenzene	11.079	95	249828	49.215	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.440%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.179	85	150869	47.921	ug/l	98
3) Chloromethane	1.307	50	160931	46.787	ug/l	97
4) Vinyl Chloride	1.386	62	181170	48.367	ug/l	98
5) Bromomethane	1.618	94	108692	45.161	ug/l	98
6) Chloroethane	1.697	64	119884	48.469	ug/l	97
7) Trichlorofluoromethane	1.904	101	295330	50.991	ug/l	99
8) Diethyl Ether	2.148	74	112682	54.670	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.343	101	189580	51.369	ug/l	100
10) Methyl Iodide	2.465	142	172862	42.993	ug/l	95
11) Tert butyl alcohol	2.959	59	110234	386.477	ug/l	99
12) 1,1-Dichloroethene	2.331	96	176000	49.305	ug/l	95
13) Acrolein	2.245	56	84732	268.622	ug/l	98
14) Allyl chloride	2.678	41	336939	53.017	ug/l	99
15) Acrylonitrile	3.068	53	505824	306.730	ug/l	100
16) Acetone	2.386	43	412201	305.134	ug/l	95
17) Carbon Disulfide	2.526	76	363615	38.842	ug/l	98
18) Methyl Acetate	2.715	43	266331	74.800	ug/l	97
19) Methyl tert-butyl Ether	3.123	73	606375	60.153	ug/l	95
20) Methylene Chloride	2.800	84	203157	50.858	ug/l	99
21) trans-1,2-Dichloroethene	3.105	96	177141	48.496	ug/l	98
22) Diisopropyl ether	3.770	45	700243	57.031	ug/l	98
23) Vinyl Acetate	3.727	43	2623382	285.194	ug/l	99
24) 1,1-Dichloroethane	3.617	63	367114	52.427	ug/l	99
25) 2-Butanone	4.556	43	596838	331.149	ug/l	98
26) 2,2-Dichloropropane	4.483	77	276849	53.124	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	228023	51.130	ug/l	97
28) Bromochloromethane	4.904	49	184178	53.294	ug/l	97
29) Tetrahydrofuran	5.007	42	374504	325.963	ug/l	99
30) Chloroform	5.099	83	372241	52.033	ug/l	99
31) Cyclohexane	5.483	56	291459	46.885	ug/l	100
32) 1,1,1-Trichloroethane	5.391	97	313916	52.522	ug/l	99
36) 1,1-Dichloropropene	5.696	75	239871	46.963	ug/l	99
37) Ethyl Acetate	4.721	43	240378	55.256	ug/l	100
38) Carbon Tetrachloride	5.678	117	261207	48.373	ug/l	97
39) Methylcyclohexane	7.385	83	283537	44.378	ug/l	99
40) Benzene	6.044	78	744412	48.186	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071625\
 Data File : VX047016.D
 Acq On : 16 Jul 2025 09:26
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 17 03:26:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:51:11 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
 Supervised By :Semsettin Yesilyurt 07/17/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	146638	63.189	ug/l	96
42) 1,2-Dichloroethane	6.092	62	270721	51.606	ug/l	100
43) Isopropyl Acetate	6.342	43	411807	61.803	ug/l	99
44) Trichloroethene	7.129	130	186538	46.385	ug/l	100
45) 1,2-Dichloropropane	7.434	63	196465	50.335	ug/l	99
46) Dibromomethane	7.580	93	137353	50.790	ug/l	98
47) Bromodichloromethane	7.824	83	288758	50.006	ug/l	100
48) Methyl methacrylate	7.690	41	211715	61.535	ug/l	98
49) 1,4-Dioxane	7.659	88	53387	1339.175	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	1245013	316.598	ug/l	99
52) Toluene	8.720	92	454929	47.521	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	273466	53.065	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	302907	51.495	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	184006	51.604	ug/l	99
56) Ethyl methacrylate	9.116	69	291041	58.971	ug/l	97
57) 1,3-Dichloropropane	9.305	76	314115	51.159	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	794246	285.619	ug/l	99
59) 2-Hexanone	9.427	43	851908	326.601	ug/l	99
60) Dibromochloromethane	9.519	129	212976	49.909	ug/l	98
61) 1,2-Dibromoethane	9.610	107	181210	50.601	ug/l	99
64) Tetrachloroethene	9.275	164	145870	44.753	ug/l	97
65) Chlorobenzene	10.079	112	516158	48.766	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	178154	50.070	ug/l	99
67) Ethyl Benzene	10.189	91	893535	49.296	ug/l	99
68) m/p-Xylenes	10.299	106	659982	96.627	ug/l	97
69) o-Xylene	10.640	106	326625	49.506	ug/l	100
70) Styrene	10.653	104	573036	50.765	ug/l	98
71) Bromoform	10.799	173	137554	51.994	ug/l #	99
73) Isopropylbenzene	10.957	105	877270	51.445	ug/l	99
74) N-amyl acetate	10.841	43	362904	62.627	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	262516	55.985	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	214158m	57.136	ug/l	
77) Bromobenzene	11.195	156	209727	49.376	ug/l	95
78) n-propylbenzene	11.299	91	1031313	50.156	ug/l	100
79) 2-Chlorotoluene	11.360	91	618288	50.925	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	709704	51.220	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	79380	56.831	ug/l	98
82) 4-Chlorotoluene	11.451	91	716382	51.130	ug/l	99
83) tert-Butylbenzene	11.713	119	733272	51.238	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	710408	50.725	ug/l	95
85) sec-Butylbenzene	11.890	105	900054	49.882	ug/l	100
86) p-Isopropyltoluene	12.006	119	752885	49.827	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	390135	49.111	ug/l	98
88) 1,4-Dichlorobenzene	12.036	146	394339	47.697	ug/l	99
89) n-Butylbenzene	12.329	91	697969	49.161	ug/l	99
90) Hexachloroethane	12.536	117	129831	48.469	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	379822	49.340	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	50868	62.024	ug/l	93
93) 1,2,4-Trichlorobenzene	13.585	180	258543	49.437	ug/l	100
94) Hexachlorobutadiene	13.725	225	84355	42.770	ug/l	99
95) Naphthalene	13.774	128	793570	57.585	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	246683	49.921	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071625\
Data File : VX047016.D
Acq On : 16 Jul 2025 09:26
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 :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

Quant Time: Jul 17 03:26:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

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

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

