

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
 Data File : VX047599.D
 Acq On : 16 Sep 2025 16:51
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 17 06:53:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/17/2025
 Supervised By : Mahesh Dadoda 09/18/2025

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	166299	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	299600	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	267455	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	124408	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	139604	52.739	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.480%			
35) Dibromofluoromethane	5.373	113	104542	52.030	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.060%			
50) Toluene-d8	8.635	98	360692	51.879	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.760%			
62) 4-Bromofluorobenzene	11.061	95	136122	51.589	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.180%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	75253	43.700	ug/l	98
3) Chloromethane	1.301	50	100615	44.456	ug/l	100
4) Vinyl Chloride	1.380	62	102320	46.184	ug/l	98
5) Bromomethane	1.618	94	73183	52.093	ug/l	96
6) Chloroethane	1.697	64	70112	47.349	ug/l	100
7) Trichlorofluoromethane	1.892	101	156287	47.510	ug/l	96
8) Diethyl Ether	2.136	74	66194	49.191	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.337	101	90588	47.096	ug/l	99
10) Methyl Iodide	2.453	142	134544	44.850	ug/l	98
11) Tert butyl alcohol	2.941	59	74981	254.335	ug/l	99
12) 1,1-Dichloroethene	2.325	96	94490	47.823	ug/l	98
13) Acrolein	2.240	56	71659	263.768	ug/l	98
14) Allyl chloride	2.666	41	196704	48.246	ug/l	98
15) Acrylonitrile	3.056	53	287126	262.935	ug/l	99
16) Acetone	2.374	43	250795	217.903	ug/l	98
17) Carbon Disulfide	2.514	76	239592	44.295	ug/l	98
18) Methyl Acetate	2.703	43	144443	56.391	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	365530	50.680	ug/l	98
20) Methylene Chloride	2.788	84	116316	47.744	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	102836	48.343	ug/l	98
22) Diisopropyl ether	3.751	45	400506	50.687	ug/l	86
23) Vinyl Acetate	3.715	43	1616290	255.580	ug/l	100
24) 1,1-Dichloroethane	3.605	63	208348	49.609	ug/l	99
25) 2-Butanone	4.538	43	358543	249.740	ug/l	97
26) 2,2-Dichloropropane	4.465	77	168993	48.407	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	130354	50.038	ug/l	98
28) Bromochloromethane	4.885	49	101969	55.615	ug/l	100
29) Tetrahydrofuran	4.995	42	225172	260.717	ug/l	99
30) Chloroform	5.080	83	214911	50.639	ug/l	99
31) Cyclohexane	5.465	56	161112	46.060	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	177635	49.346	ug/l	99
36) 1,1-Dichloropropene	5.678	75	135820	46.260	ug/l	100
37) Ethyl Acetate	4.696	43	156928	49.919	ug/l	99
38) Carbon Tetrachloride	5.666	117	148678	46.607	ug/l	98
39) Methylcyclohexane	7.367	83	155698	46.717	ug/l	98
40) Benzene	6.025	78	434215	48.692	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
 Data File : VX047599.D
 Acq On : 16 Sep 2025 16:51
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/17/2025
 Supervised By : Mahesh Dadoda 09/18/2025

Quant Time: Sep 17 06:53:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.904	41	83701	51.574	ug/l	100
42) 1,2-Dichloroethane	6.074	62	168004	49.515	ug/l	100
43) Isopropyl Acetate	6.324	43	259117	50.257	ug/l	100
44) Trichloroethene	7.111	130	103104	47.824	ug/l	99
45) 1,2-Dichloropropane	7.415	63	112988	49.482	ug/l	99
46) Dibromomethane	7.568	93	82504	49.652	ug/l	99
47) Bromodichloromethane	7.806	83	171848	50.117	ug/l	99
48) Methyl methacrylate	7.678	41	132311	51.520	ug/l	99
49) 1,4-Dioxane	7.647	88	28148	1084.536	ug/l	98
51) 4-Methyl-2-Pentanone	8.555	43	753600	263.626	ug/l	99
52) Toluene	8.702	92	267900	48.762	ug/l	98
53) t-1,3-Dichloropropene	8.964	75	175838	50.275	ug/l	98
54) cis-1,3-Dichloropropene	8.354	75	188823	50.510	ug/l	99
55) 1,1,2-Trichloroethane	9.135	97	105793	49.938	ug/l	99
56) Ethyl methacrylate	9.104	69	174430	52.429	ug/l	99
57) 1,3-Dichloropropane	9.293	76	185947	51.096	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.226	63	396810	249.679	ug/l	99
59) 2-Hexanone	9.415	43	527878	257.118	ug/l	99
60) Dibromochloromethane	9.507	129	124303	50.924	ug/l	98
61) 1,2-Dibromoethane	9.592	107	110246	51.092	ug/l	99
64) Tetrachloroethene	9.257	164	81379	46.675	ug/l	99
65) Chlorobenzene	10.061	112	296410	48.783	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.147	131	104624	49.900	ug/l	100
67) Ethyl Benzene	10.177	91	511106	48.752	ug/l	99
68) m/p-Xylenes	10.287	106	378564	97.014	ug/l	99
69) o-Xylene	10.622	106	186392	49.385	ug/l	100
70) Styrene	10.640	104	327033	49.451	ug/l	99
71) Bromoform	10.781	173	79504	50.782	ug/l #	100
73) Isopropylbenzene	10.945	105	471952	49.898	ug/l	100
74) N-amyl acetate	10.829	43	228272	52.925	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.195	83	147747	51.631	ug/l	99
76) 1,2,3-Trichloropropane	11.220	75	136637m	54.245	ug/l	
77) Bromobenzene	11.183	156	118411	50.831	ug/l	99
78) n-propylbenzene	11.287	91	557492	49.861	ug/l	100
79) 2-Chlorotoluene	11.348	91	343530	50.165	ug/l	100
80) 1,3,5-Trimethylbenzene	11.433	105	393208	50.601	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.000	75	49500	50.114	ug/l	99
82) 4-Chlorotoluene	11.439	91	407614	50.398	ug/l	100
83) tert-Butylbenzene	11.695	119	396788	49.880	ug/l	100
84) 1,2,4-Trimethylbenzene	11.732	105	401322	50.940	ug/l	99
85) sec-Butylbenzene	11.872	105	476377	50.417	ug/l	100
86) p-Isopropyltoluene	11.994	119	398568	49.825	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	213550	49.354	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	219380	49.400	ug/l	100
89) n-Butylbenzene	12.317	91	372156	50.279	ug/l	99
90) Hexachloroethane	12.518	117	71259	50.739	ug/l	99
91) 1,2-Dichlorobenzene	12.317	146	209956	50.933	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.921	75	30331	52.352	ug/l	96
93) 1,2,4-Trichlorobenzene	13.567	180	135848	50.707	ug/l	99
94) Hexachlorobutadiene	13.707	225	43394	47.686	ug/l	100
95) Naphthalene	13.756	128	427833	52.444	ug/l	100
96) 1,2,3-Trichlorobenzene	13.939	180	129728	52.055	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047599.D
Acq On : 16 Sep 2025 16:51
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Quant Time: Sep 17 06:53:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

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

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

