

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062325\
 Data File : VX046813.D
 Acq On : 23 Jun 2025 12:42
 Operator : JC/MD
 Sample : VX0623WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0623WBSD01

Quant Time: Jun 24 04:04:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 18 03:09:16 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/24/2025
 Supervised By :Semsettin Yesilyurt 06/24/2025

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	130396	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	215259	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	197540	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	100590	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	84449	46.822	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.640%		
35) Dibromofluoromethane	5.391	113	69139	48.545	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.100%		
50) Toluene-d8	8.647	98	250118	48.881	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.760%		
62) 4-Bromofluorobenzene	11.079	95	96889	50.796	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	101.600%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.179	85	23405	16.812	ug/l	99
3) Chloromethane	1.307	50	26642	17.730	ug/l	99
4) Vinyl Chloride	1.386	62	27634	17.246	ug/l	96
5) Bromomethane	1.624	94	17448	19.354	ug/l	97
6) Chloroethane	1.703	64	18541	19.091	ug/l	99
7) Trichlorofluoromethane	1.904	101	41387	17.010	ug/l	97
8) Diethyl Ether	2.142	74	15470	18.527	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.343	101	26106	17.490	ug/l	98
10) Methyl Iodide	2.465	142	29633	18.819	ug/l	98
11) Tert butyl alcohol	2.953	59	12513	77.296	ug/l	98
12) 1,1-Dichloroethene	2.331	96	26251	18.226	ug/l	99
13) Acrolein	2.245	56	26787	113.603	ug/l	98
14) Allyl chloride	2.678	41	46507	17.822	ug/l	98
15) Acrylonitrile	3.068	53	64523	88.640	ug/l	99
16) Acetone	2.386	43	46673	77.600	ug/l	95
17) Carbon Disulfide	2.526	76	67446	15.507	ug/l	99
18) Methyl Acetate	2.709	43	28383	18.580	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	79145	17.648	ug/l	99
20) Methylene Chloride	2.800	84	29354	17.550	ug/l	97
21) trans-1,2-Dichloroethene	3.105	96	27458	17.817	ug/l	91
22) Diisopropyl ether	3.763	45	97325	19.403	ug/l	91
23) Vinyl Acetate	3.727	43	364978	91.504	ug/l	99
24) 1,1-Dichloroethane	3.623	63	51946	18.240	ug/l	99
25) 2-Butanone	4.562	43	74385	87.446	ug/l	99
26) 2,2-Dichloropropane	4.483	77	36477	17.562	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	33060	18.259	ug/l	98
28) Bromochloromethane	4.904	49	25597	19.826	ug/l	98
29) Tetrahydrofuran	5.013	42	47792	86.983	ug/l	99
30) Chloroform	5.093	83	53218	18.686	ug/l	91
31) Cyclohexane	5.477	56	48499	17.958	ug/l	95
32) 1,1,1-Trichloroethane	5.391	97	42891	17.171	ug/l	99
36) 1,1-Dichloropropene	5.702	75	37363	18.173	ug/l	99
37) Ethyl Acetate	4.715	43	30695	16.175	ug/l	97
38) Carbon Tetrachloride	5.678	117	38519	17.264	ug/l	96
39) Methylcyclohexane	7.379	83	48103	17.780	ug/l	99
40) Benzene	6.044	78	113655	18.679	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062325\
 Data File : VX046813.D
 Acq On : 23 Jun 2025 12:42
 Operator : JC/MD
 Sample : VX0623WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0623WBSD01

Quant Time: Jun 24 04:04:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 18 03:09:16 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/24/2025
 Supervised By :Semsettin Yesilyurt 06/24/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	19020	18.800	ug/l	95
42) 1,2-Dichloroethane	6.092	62	39135	18.303	ug/l	98
43) Isopropyl Acetate	6.342	43	51362	17.296	ug/l	99
44) Trichloroethene	7.129	130	27804	17.931	ug/l	95
45) 1,2-Dichloropropane	7.434	63	28464	18.876	ug/l	91
46) Dibromomethane	7.580	93	19861	18.327	ug/l	99
47) Bromodichloromethane	7.824	83	40537	18.330	ug/l	96
48) Methyl methacrylate	7.696	41	26755	17.965	ug/l	97
49) 1,4-Dioxane	7.659	88	6880	336.801	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	160508	90.625	ug/l	99
52) Toluene	8.720	92	69989	18.555	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	36624	17.848	ug/l	95
54) cis-1,3-Dichloropropene	8.366	75	42553	18.268	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	26749	19.029	ug/l	98
56) Ethyl methacrylate	9.116	69	38473	18.541	ug/l	99
57) 1,3-Dichloropropane	9.305	76	46326	19.138	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	114725	106.435	ug/l	99
59) 2-Hexanone	9.427	43	107748	87.998	ug/l	99
60) Dibromochloromethane	9.519	129	30417	18.362	ug/l	99
61) 1,2-Dibromoethane	9.610	107	27638	19.330	ug/l	97
64) Tetrachloroethene	9.275	164	24158	17.652	ug/l	95
65) Chlorobenzene	10.079	112	78583	18.021	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	27033	18.446	ug/l	99
67) Ethyl Benzene	10.195	91	136182	17.874	ug/l	97
68) m/p-Xylenes	10.299	106	103395	36.420	ug/l	100
69) o-Xylene	10.640	106	49907	18.758	ug/l	96
70) Styrene	10.653	104	87266	18.742	ug/l	98
71) Bromoform	10.799	173	18790	16.835	ug/l #	99
73) Isopropylbenzene	10.957	105	132619	17.901	ug/l	100
74) N-amyl acetate	10.841	43	47516	16.928	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	37380	18.070	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	33245m	18.045	ug/l	
77) Bromobenzene	11.195	156	32999	18.510	ug/l	99
78) n-propylbenzene	11.299	91	159475	18.123	ug/l	100
79) 2-Chlorotoluene	11.360	91	92417	17.591	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	109807	18.037	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	10080	15.465	ug/l	99
82) 4-Chlorotoluene	11.451	91	108868	17.756	ug/l	99
83) tert-Butylbenzene	11.713	119	111341	17.693	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	110452	18.058	ug/l	100
85) sec-Butylbenzene	11.890	105	142888	17.966	ug/l	100
86) p-Isopropyltoluene	12.006	119	120904	18.017	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	61042	17.561	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	62642	17.545	ug/l	99
89) n-Butylbenzene	12.329	91	114068	17.903	ug/l	99
90) Hexachloroethane	12.536	117	18586	15.817	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	58780	18.095	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	6715	16.443	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	40492	17.534	ug/l	98
94) Hexachlorobutadiene	13.725	225	16691	17.181	ug/l	98
95) Naphthalene	13.774	128	116349	17.684	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	40434	18.301	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062325\
Data File : VX046813.D
Acq On : 23 Jun 2025 12:42
Operator : JC/MD
Sample : VX0623WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0623WBSD01

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 06/24/2025
Supervised By :Semsettin Yesilyurt 06/24/2025

Quant Time: Jun 24 04:04:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

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

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

