

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030525\
 Data File : VX045140.D
 Acq On : 05 Mar 2025 14:23
 Operator : JC/MD
 Sample : VX0305MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0305MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/06/2025
 Supervised By : Mahesh Dadoda 03/06/2025

Quant Time: Mar 06 01:06:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	111233	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	200780	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	172485	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	75044	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	86186	48.711	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.420%		
35) Dibromofluoromethane	5.379	113	67250	50.091	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.180%		
50) Toluene-d8	8.647	98	245422	50.423	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.840%		
62) 4-Bromofluorobenzene	11.079	95	81568	50.573	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	101.140%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	24364	17.401	ug/l	95
3) Chloromethane	1.307	50	26897	15.697	ug/l	97
4) Vinyl Chloride	1.374	62	27445	16.146	ug/l	95
5) Bromomethane	1.593	94	11361	17.002	ug/l	94
6) Chloroethane	1.673	64	15401	19.643	ug/l	98
7) Trichlorofluoromethane	1.874	101	40088	17.815	ug/l	98
8) Diethyl Ether	2.136	74	14492	16.465	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.319	101	24369	18.850	ug/l	98
10) Methyl Iodide	2.447	142	28627	17.719	ug/l	97
11) Tert butyl alcohol	2.971	59	24237	72.319	ug/l	99
12) 1,1-Dichloroethene	2.313	96	22866	16.729	ug/l	96
13) Acrolein	2.233	56	46750	120.673	ug/l	100
14) Allyl chloride	2.660	41	42650	17.530	ug/l	100
15) Acrylonitrile	3.063	53	78938	87.884	ug/l	99
16) Acetone	2.386	43	67044	81.670	ug/l	96
17) Carbon Disulfide	2.502	76	54564	14.988	ug/l	98
18) Methyl Acetate	2.703	43	35098	17.773	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	77870	16.981	ug/l	99
20) Methylene Chloride	2.782	84	27284	16.779	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	23899	17.699	ug/l	97
22) Diisopropyl ether	3.758	45	86909	17.564	ug/l #	82
23) Vinyl Acetate	3.721	43	351208	85.054	ug/l	99
24) 1,1-Dichloroethane	3.605	63	47660	17.187	ug/l	99
25) 2-Butanone	4.556	43	110026	89.041	ug/l	98
26) 2,2-Dichloropropane	4.477	77	30705	23.606	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	28894	17.334	ug/l	97
28) Bromochloromethane	4.898	49	26938	20.380	ug/l	98
29) Tetrahydrofuran	5.007	42	70955	85.507	ug/l	99
30) Chloroform	5.093	83	47998	17.420	ug/l	98
31) Cyclohexane	5.465	56	43219	17.954	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	37578	16.886	ug/l	98
36) 1,1-Dichloropropene	5.684	75	31707	17.221	ug/l	100
37) Ethyl Acetate	4.715	43	40318	16.994	ug/l	99
38) Carbon Tetrachloride	5.672	117	30992	16.580	ug/l	97
39) Methylcyclohexane	7.379	83	41082	18.621	ug/l	96
40) Benzene	6.032	78	103000	17.716	ug/l	100

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	22935	17.878	ug/l	98
42) 1,2-Dichloroethane	6.086	62	36852	17.602	ug/l	99
43) Isopropyl Acetate	6.342	43	60474	17.238	ug/l	99
44) Trichloroethene	7.123	130	23184	16.982	ug/l	95
45) 1,2-Dichloropropane	7.428	63	26124	17.476	ug/l	97
46) Dibromomethane	7.580	93	18696	17.695	ug/l	98
47) Bromodichloromethane	7.818	83	34530	16.661	ug/l	98
48) Methyl methacrylate	7.696	41	30020	17.056	ug/l	99
49) 1,4-Dioxane	7.659	88	12985	349.751	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	212111	90.046	ug/l	99
52) Toluene	8.714	92	61822	18.123	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	28975	16.724	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	35273	17.459	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	24610	17.524	ug/l	97
56) Ethyl methacrylate	9.116	69	36368	17.037	ug/l	97
57) 1,3-Dichloropropane	9.305	76	43045	17.712	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	98002	94.115	ug/l	99
59) 2-Hexanone	9.427	43	151685	88.875	ug/l	100
60) Dibromochloromethane	9.519	129	24428	16.636	ug/l	99
61) 1,2-Dibromoethane	9.610	107	24379	17.390	ug/l	97
64) Tetrachloroethene	9.269	164	20140	18.231	ug/l	94
65) Chlorobenzene	10.080	112	65618	17.979	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	20577	16.930	ug/l	96
67) Ethyl Benzene	10.189	91	115536	18.168	ug/l	99
68) m/p-Xylenes	10.299	106	86139	37.001	ug/l	100
69) o-Xylene	10.640	106	42309	18.019	ug/l	100
70) Styrene	10.653	104	68410	18.007	ug/l	99
71) Bromoform	10.799	173	14713	16.053	ug/l #	100
73) Isopropylbenzene	10.957	105	109420	18.681	ug/l	99
74) N-amyl acetate	10.842	43	47326	17.219	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	38056	17.705	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	33106m	18.954	ug/l	
77) Bromobenzene	11.195	156	24487	17.718	ug/l	99
78) n-propylbenzene	11.305	91	124277	18.782	ug/l	99
79) 2-Chlorotoluene	11.360	91	76056	18.049	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	88307	18.645	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	8155	15.978	ug/l	86
82) 4-Chlorotoluene	11.451	91	83083	18.091	ug/l	98
83) tert-Butylbenzene	11.713	119	86623	17.801	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	86981	18.252	ug/l	99
85) sec-Butylbenzene	11.890	105	110431	18.945	ug/l	100
86) p-Isopropyltoluene	12.006	119	89533	19.006	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	43715	17.731	ug/l	99
88) 1,4-Dichlorobenzene	12.037	146	43026	17.250	ug/l	98
89) n-Butylbenzene	12.329	91	75914	18.711	ug/l	99
90) Hexachloroethane	12.536	117	13720	16.102	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	43861	17.735	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	6870	16.406	ug/l	93
93) 1,2,4-Trichlorobenzene	13.585	180	23659	16.800	ug/l	99
94) Hexachlorobutadiene	13.719	225	10033	17.378	ug/l	98
95) Naphthalene	13.774	128	91939	16.992	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	25813	17.375	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

