

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041425\
 Data File : VX045758.D
 Acq On : 14 Apr 2025 11:04
 Operator : JC/MD
 Sample : VX0414MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0414MBS01

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 04/15/2025
 Supervised By :Mahesh Dadoda 04/15/2025

Quant Time: Apr 15 01:26:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	93283	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	167485	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	143860	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	65376	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	91067	53.383	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.760%			
35) Dibromofluoromethane	5.379	113	63318	53.284	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.560%			
50) Toluene-d8	8.647	98	210957	50.862	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.720%			
62) 4-Bromofluorobenzene	11.079	95	77792	51.491	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.980%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	26402	18.926	ug/l	95
3) Chloromethane	1.307	50	25865	18.047	ug/l	97
4) Vinyl Chloride	1.374	62	22648	17.268	ug/l	97
5) Bromomethane	1.593	94	10588	17.025	ug/l	99
6) Chloroethane	1.666	64	13467	19.353	ug/l	99
7) Trichlorofluoromethane	1.874	101	36644	18.736	ug/l	98
8) Diethyl Ether	2.136	74	11728	17.861	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.319	101	21482	18.744	ug/l	97
10) Methyl Iodide	2.447	142	24268	16.976	ug/l	97
11) Tert butyl alcohol	2.977	59	22404	97.723	ug/l	98
12) 1,1-Dichloroethene	2.307	96	20147	17.991	ug/l	95
13) Acrolein	2.233	56	20186	63.939	ug/l	97
14) Allyl chloride	2.660	41	38858	18.288	ug/l	99
15) Acrylonitrile	3.069	53	67941	93.881	ug/l	99
16) Acetone	2.386	43	66480	94.905	ug/l	97
17) Carbon Disulfide	2.502	76	41512	15.009	ug/l	100
18) Methyl Acetate	2.703	43	35876	22.245	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	72617	18.537	ug/l	97
20) Methylene Chloride	2.782	84	23853	18.189	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	20017	17.496	ug/l	98
22) Diisopropyl ether	3.758	45	77415	18.496	ug/l #	84
23) Vinyl Acetate	3.721	43	328660	90.883	ug/l	100
24) 1,1-Dichloroethane	3.605	63	43875	18.535	ug/l	99
25) 2-Butanone	4.556	43	98578	96.138	ug/l	99
26) 2,2-Dichloropropane	4.471	77	31375	20.515	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	25080	17.993	ug/l	97
28) Bromochloromethane	4.891	49	21258	18.584	ug/l	99
29) Tetrahydrofuran	5.007	42	61920	93.143	ug/l	99
30) Chloroform	5.087	83	46813	19.220	ug/l	91
31) Cyclohexane	5.465	56	35886	17.149	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	38847	18.849	ug/l	100
36) 1,1-Dichloropropene	5.684	75	28439	17.725	ug/l	98
37) Ethyl Acetate	4.715	43	36130	17.869	ug/l	99
38) Carbon Tetrachloride	5.666	117	33113	19.096	ug/l	99
39) Methylcyclohexane	7.373	83	33822	17.197	ug/l	96
40) Benzene	6.032	78	88892	18.141	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	21213	19.884	ug/l	98
42) 1,2-Dichloroethane	6.086	62	38878	19.210	ug/l	100
43) Isopropyl Acetate	6.342	43	56478	18.430	ug/l	99
44) Trichloroethene	7.129	130	21433	18.402	ug/l	92
45) 1,2-Dichloropropane	7.428	63	22209	18.165	ug/l	96
46) Dibromomethane	7.580	93	17633	18.787	ug/l	99
47) Bromodichloromethane	7.818	83	34811	18.572	ug/l	99
48) Methyl methacrylate	7.690	41	29612	18.715	ug/l	99
49) 1,4-Dioxane	7.659	88	11725	409.572	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	198456	97.688	ug/l	99
52) Toluene	8.714	92	53050	17.891	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	28460	17.356	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	32703	18.567	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	22233	18.817	ug/l	97
56) Ethyl methacrylate	9.116	69	33856	18.515	ug/l	99
57) 1,3-Dichloropropane	9.305	76	38168	18.551	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	90324	97.644	ug/l	99
59) 2-Hexanone	9.427	43	148179	98.497	ug/l	98
60) Dibromochloromethane	9.519	129	24474	19.000	ug/l	99
61) 1,2-Dibromoethane	9.610	107	22971	19.205	ug/l	99
64) Tetrachloroethene	9.269	164	19477	19.176	ug/l	94
65) Chlorobenzene	10.080	112	58073	18.891	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	20643	19.342	ug/l	98
67) Ethyl Benzene	10.189	91	103410	18.783	ug/l	97
68) m/p-Xylenes	10.299	106	75752	37.830	ug/l	99
69) o-Xylene	10.640	106	37091	18.803	ug/l	96
70) Styrene	10.653	104	62843	19.302	ug/l	99
71) Bromoform	10.799	173	14959	18.772	ug/l #	96
73) Isopropylbenzene	10.957	105	100559	19.203	ug/l	99
74) N-amyl acetate	10.842	43	46558	18.586	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	34769	18.901	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	29675m	18.609	ug/l	
77) Bromobenzene	11.195	156	22717	18.775	ug/l	98
78) n-propylbenzene	11.299	91	113153	18.759	ug/l	99
79) 2-Chlorotoluene	11.360	91	73426	19.042	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	84497	19.513	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	8441	17.965	ug/l	94
82) 4-Chlorotoluene	11.451	91	83434	19.406	ug/l	100
83) tert-Butylbenzene	11.713	119	84070	19.610	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	84525	19.448	ug/l	99
85) sec-Butylbenzene	11.890	105	103358	19.629	ug/l	99
86) p-Isopropyltoluene	12.006	119	83829	19.310	ug/l	99
87) 1,3-Dichlorobenzene	11.970	146	41658	18.914	ug/l	100
88) 1,4-Dichlorobenzene	12.037	146	42867	19.198	ug/l	98
89) n-Butylbenzene	12.329	91	71551	19.007	ug/l	99
90) Hexachloroethane	12.536	117	14522	19.465	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	42640	19.473	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	7773	20.204	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	22358	18.343	ug/l	98
94) Hexachlorobutadiene	13.725	225	9996	19.032	ug/l	99
95) Naphthalene	13.774	128	85962	18.952	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	24099	18.882	ug/l	100

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

