

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041525\
 Data File : VX045787.D
 Acq On : 15 Apr 2025 10:19
 Operator : JC/MD
 Sample : VX0415MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0415MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/16/2025
 Supervised By : Semsettin Yesilyurt 04/16/2025

Quant Time: Apr 16 01:38:06 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	5.550	168	92236	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	163331	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	143741	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	67546	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	87573	51.918	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.840%			
35) Dibromofluoromethane	5.379	113	58905	50.831	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.660%			
50) Toluene-d8	8.647	98	199776	49.391	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.780%			
62) 4-Bromofluorobenzene	11.079	95	77055	52.300	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.600%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	27090	19.639	ug/l	99
3) Chloromethane	1.307	50	25784	18.195	ug/l	99
4) Vinyl Chloride	1.374	62	23589	18.189	ug/l	97
5) Bromomethane	1.593	94	11064	17.993	ug/l	98
6) Chloroethane	1.666	64	14048	20.417	ug/l	96
7) Trichlorofluoromethane	1.874	101	38108	19.705	ug/l	97
8) Diethyl Ether	2.136	74	12262	18.886	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.325	101	23337	20.594	ug/l	97
10) Methyl Iodide	2.447	142	25588	18.103	ug/l	97
11) Tert butyl alcohol	2.977	59	23041	101.643	ug/l	98
12) 1,1-Dichloroethene	2.312	96	20646	18.645	ug/l	97
13) Acrolein	2.233	56	30153	96.594	ug/l	100
14) Allyl chloride	2.660	41	40836	19.437	ug/l	99
15) Acrylonitrile	3.062	53	71607	100.070	ug/l	99
16) Acetone	2.386	43	68085	98.299	ug/l	99
17) Carbon Disulfide	2.501	76	40999	14.991	ug/l	96
18) Methyl Acetate	2.703	43	37367	23.432	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	76244	19.684	ug/l	100
20) Methylene Chloride	2.782	84	25222	19.451	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	20892	18.468	ug/l	95
22) Diisopropyl ether	3.763	45	81519	19.697	ug/l	95
23) Vinyl Acetate	3.721	43	346549	96.918	ug/l	99
24) 1,1-Dichloroethane	3.605	63	46189	19.734	ug/l	99
25) 2-Butanone	4.556	43	101836	100.443	ug/l	99
26) 2,2-Dichloropropane	4.471	77	33628	22.238	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	26645	19.333	ug/l	98
28) Bromochloromethane	4.897	49	22351	19.761	ug/l	98
29) Tetrahydrofuran	5.007	42	64321	97.853	ug/l	99
30) Chloroform	5.092	83	48636	20.195	ug/l	98
31) Cyclohexane	5.464	56	37489	18.118	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	40872	20.057	ug/l	99
36) 1,1-Dichloropropene	5.684	75	30887	19.740	ug/l	98
37) Ethyl Acetate	4.715	43	37638	19.088	ug/l	99
38) Carbon Tetrachloride	5.672	117	34011	20.113	ug/l	95
39) Methylcyclohexane	7.373	83	37486	19.545	ug/l	97
40) Benzene	6.037	78	91772	19.205	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	21657	20.817	ug/l	98
42) 1,2-Dichloroethane	6.086	62	41192	20.871	ug/l	100
43) Isopropyl Acetate	6.342	43	58301	19.508	ug/l	100
44) Trichloroethene	7.123	130	21780	19.176	ug/l	90
45) 1,2-Dichloropropane	7.427	63	23860	20.012	ug/l	95
46) Dibromomethane	7.580	93	18017	19.685	ug/l	98
47) Bromodichloromethane	7.818	83	37080	20.286	ug/l	99
48) Methyl methacrylate	7.690	41	30552	19.800	ug/l	99
49) 1,4-Dioxane	7.665	88	11864	424.968	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	206001	103.981	ug/l	99
52) Toluene	8.714	92	56260	19.457	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	30895	19.061	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	34820	20.272	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	23797	20.653	ug/l	95
56) Ethyl methacrylate	9.116	69	35283	19.786	ug/l	99
57) 1,3-Dichloropropane	9.305	76	40989	20.428	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	97972	108.606	ug/l	99
59) 2-Hexanone	9.427	43	153742	104.794	ug/l	99
60) Dibromochloromethane	9.519	129	25095	19.977	ug/l	99
61) 1,2-Dibromoethane	9.610	107	23564	20.202	ug/l	99
64) Tetrachloroethene	9.269	164	20254	19.958	ug/l	98
65) Chlorobenzene	10.079	112	60729	19.772	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	21228	19.907	ug/l	98
67) Ethyl Benzene	10.189	91	107575	19.555	ug/l	100
68) m/p-Xylenes	10.299	106	80360	40.164	ug/l	99
69) o-Xylene	10.640	106	38674	19.622	ug/l	96
70) Styrene	10.652	104	67084	20.622	ug/l	99
71) Bromoform	10.799	173	15243	19.144	ug/l #	95
73) Isopropylbenzene	10.957	105	106528	19.689	ug/l	100
74) N-amyl acetate	10.841	43	50417	19.480	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	36451	19.178	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	31869m	19.343	ug/l	
77) Bromobenzene	11.195	156	24552	19.640	ug/l	98
78) n-propylbenzene	11.299	91	121341	19.471	ug/l	99
79) 2-Chlorotoluene	11.360	91	77828	19.535	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	90244	20.171	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	8882	18.296	ug/l	92
82) 4-Chlorotoluene	11.451	91	87313	19.656	ug/l	99
83) tert-Butylbenzene	11.713	119	86690	19.571	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	90325	20.115	ug/l	99
85) sec-Butylbenzene	11.890	105	110088	20.235	ug/l	99
86) p-Isopropyltoluene	12.006	119	88199	19.664	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	44644	19.619	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	44261	19.186	ug/l	97
89) n-Butylbenzene	12.329	91	76249	19.604	ug/l	100
90) Hexachloroethane	12.536	117	15053	19.528	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	45455	20.091	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8220	20.680	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	24533	19.481	ug/l	99
94) Hexachlorobutadiene	13.725	225	10642	19.611	ug/l	95
95) Naphthalene	13.774	128	89732	19.147	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	25896	19.638	ug/l	98

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

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