

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021125\
 Data File : VX044899.D
 Acq On : 11 Feb 2025 12:34
 Operator : JC/MD
 Sample : VX0211MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0211MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/12/2025
 Supervised By : Mahesh Dadoda 02/12/2025

Quant Time: Feb 12 02:40:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 11 03:41:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	118564	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	218918	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	190923	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	88586	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	95014	54.745	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.500%			
35) Dibromofluoromethane	5.379	113	75843	53.286	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.580%			
50) Toluene-d8	8.647	98	287687	53.452	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.900%			
62) 4-Bromofluorobenzene	11.079	95	101954	56.190	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 112.380%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	31039	18.665	ug/l	98
3) Chloromethane	1.294	50	38177	18.863	ug/l	99
4) Vinyl Chloride	1.374	62	34785	17.741	ug/l	99
5) Bromomethane	1.593	94	11053	18.838	ug/l	99
6) Chloroethane	1.666	64	18719	22.665	ug/l	98
7) Trichlorofluoromethane	1.873	101	45154	18.210	ug/l	96
8) Diethyl Ether	2.130	74	17311	19.251	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.319	101	27991	18.684	ug/l	98
10) Methyl Iodide	2.447	142	36693	18.898	ug/l	99
11) Tert butyl alcohol	2.971	59	31233	97.004	ug/l	98
12) 1,1-Dichloroethene	2.312	96	27529	18.014	ug/l	96
13) Acrolein	2.233	56	36940	111.199	ug/l	98
14) Allyl chloride	2.660	41	50348	18.230	ug/l	99
15) Acrylonitrile	3.062	53	82470	95.932	ug/l	97
16) Acetone	2.380	43	66578	95.423	ug/l	99
17) Carbon Disulfide	2.501	76	73020	17.425	ug/l	99
18) Methyl Acetate	2.703	43	41869	19.017	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	91072	18.730	ug/l	98
20) Methylene Chloride	2.782	84	31488	18.425	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	27491	18.278	ug/l	97
22) Diisopropyl ether	3.757	45	98710	18.892	ug/l	94
23) Vinyl Acetate	3.715	43	401301	94.207	ug/l	99
24) 1,1-Dichloroethane	3.605	63	54401	18.607	ug/l	97
25) 2-Butanone	4.550	43	110571	97.595	ug/l	98
26) 2,2-Dichloropropane	4.471	77	42242	18.219	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	34426	19.055	ug/l	99
28) Bromochloromethane	4.891	49	28099	19.999	ug/l	99
29) Tetrahydrofuran	5.001	42	72706	96.644	ug/l	99
30) Chloroform	5.086	83	52881	18.651	ug/l	99
31) Cyclohexane	5.464	56	49465	18.352	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	45638	18.977	ug/l	98
36) 1,1-Dichloropropene	5.690	75	37149	18.091	ug/l	99
37) Ethyl Acetate	4.708	43	42568	18.637	ug/l	99
38) Carbon Tetrachloride	5.672	117	36152	17.966	ug/l	97
39) Methylcyclohexane	7.373	83	50562	19.045	ug/l	99
40) Benzene	6.031	78	120873	18.851	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	23639	19.335	ug/l	98
42) 1,2-Dichloroethane	6.080	62	39231	19.197	ug/l	98
43) Isopropyl Acetate	6.336	43	68333	18.526	ug/l	100
44) Trichloroethene	7.123	130	26588	18.141	ug/l	97
45) 1,2-Dichloropropane	7.427	63	29868	18.723	ug/l	100
46) Dibromomethane	7.580	93	20626	18.644	ug/l	99
47) Bromodichloromethane	7.818	83	39911	18.631	ug/l	98
48) Methyl methacrylate	7.690	41	33105	19.035	ug/l	100
49) 1,4-Dioxane	7.659	88	14947	400.586	ug/l	99
51) 4-Methyl-2-Pentanone	8.567	43	226765	101.129	ug/l	98
52) Toluene	8.714	92	73528	19.254	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	38793	17.896	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	45193	18.698	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	27993	19.069	ug/l	99
56) Ethyl methacrylate	9.116	69	44281	18.676	ug/l	98
57) 1,3-Dichloropropane	9.305	76	50115	19.511	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	110153	94.619	ug/l	99
59) 2-Hexanone	9.427	43	164949	102.096	ug/l	98
60) Dibromochloromethane	9.518	129	29155	18.570	ug/l	100
61) 1,2-Dibromoethane	9.610	107	28336	19.044	ug/l	99
64) Tetrachloroethene	9.269	164	22009	18.279	ug/l	97
65) Chlorobenzene	10.073	112	78082	19.041	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	24656	18.680	ug/l	100
67) Ethyl Benzene	10.189	91	136140	18.813	ug/l	99
68) m/p-Xylenes	10.299	106	102762	38.496	ug/l	100
69) o-Xylene	10.640	106	50957	19.024	ug/l	98
70) Styrene	10.652	104	84014	19.468	ug/l	99
71) Bromoform	10.799	173	18323	18.601	ug/l #	97
73) Isopropylbenzene	10.957	105	131537	18.441	ug/l	100
74) N-amyl acetate	10.841	43	60206	18.653	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	44365	18.100	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	36264m	18.464	ug/l	
77) Bromobenzene	11.195	156	30189	18.668	ug/l	97
78) n-propylbenzene	11.299	91	149214	18.124	ug/l	98
79) 2-Chlorotoluene	11.360	91	92919	18.364	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	109418	18.903	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	12398	16.238	ug/l	95
82) 4-Chlorotoluene	11.451	91	104500	18.667	ug/l	99
83) tert-Butylbenzene	11.713	119	109613	18.719	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	108826	19.049	ug/l	100
85) sec-Butylbenzene	11.890	105	137135	18.912	ug/l	100
86) p-Isopropyltoluene	12.006	119	113044	19.386	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	54179	18.219	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	54607	18.161	ug/l	98
89) n-Butylbenzene	12.329	91	96595	18.724	ug/l	99
90) Hexachloroethane	12.536	117	18645	17.077	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	55906	19.128	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	7838	17.521	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	30318	17.143	ug/l	99
94) Hexachlorobutadiene	13.719	225	12593	17.937	ug/l	98
95) Naphthalene	13.774	128	115974	18.141	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	30688	17.220	ug/l	99

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

