

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041425\
 Data File : VX045759.D
 Acq On : 14 Apr 2025 11:31
 Operator : JC/MD
 Sample : VX0414MBSD01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0414MBSD01

Manual Integrations
 APPROVED

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

Quant Time: Apr 15 01:27:10 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	88952	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	157764	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	140574	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	65262	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	85813	52.753	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.500%			
35) Dibromofluoromethane	5.373	113	58109	51.914	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.820%			
50) Toluene-d8	8.641	98	199596	51.088	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.180%			
62) 4-Bromofluorobenzene	11.079	95	76362	53.659	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 107.320%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	25943	19.502	ug/l	98
3) Chloromethane	1.301	50	24206	17.712	ug/l	100
4) Vinyl Chloride	1.374	62	22418	17.924	ug/l	99
5) Bromomethane	1.593	94	10363	17.475	ug/l	97
6) Chloroethane	1.672	64	12878	19.407	ug/l	98
7) Trichlorofluoromethane	1.874	101	36411	19.523	ug/l	97
8) Diethyl Ether	2.130	74	12413	19.824	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.319	101	22135	20.254	ug/l	98
10) Methyl Iodide	2.447	142	24257	17.795	ug/l	96
11) Tert butyl alcohol	2.965	59	23103	105.679	ug/l	99
12) 1,1-Dichloroethene	2.313	96	19836	18.575	ug/l	99
13) Acrolein	2.233	56	21905	72.762	ug/l	99
14) Allyl chloride	2.660	41	39309	19.401	ug/l	99
15) Acrylonitrile	3.062	53	69404	100.572	ug/l	99
16) Acetone	2.380	43	66083	98.931	ug/l	97
17) Carbon Disulfide	2.502	76	42148	15.981	ug/l	99
18) Methyl Acetate	2.703	43	35741	23.240	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	74572	19.963	ug/l	99
20) Methylene Chloride	2.782	84	23774	19.011	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	20145	18.465	ug/l	97
22) Diisopropyl ether	3.757	45	78919	19.773	ug/l	89
23) Vinyl Acetate	3.715	43	339722	98.516	ug/l	99
24) 1,1-Dichloroethane	3.605	63	43973	19.481	ug/l	98
25) 2-Butanone	4.550	43	99914	102.186	ug/l	99
26) 2,2-Dichloropropane	4.471	77	30905	21.192	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	25497	19.183	ug/l	98
28) Bromochloromethane	4.891	49	22051	20.216	ug/l	98
29) Tetrahydrofuran	5.001	42	62499	98.591	ug/l	100
30) Chloroform	5.086	83	46560	20.047	ug/l	99
31) Cyclohexane	5.458	56	36547	18.315	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	38735	19.710	ug/l	99
36) 1,1-Dichloropropene	5.684	75	28733	19.012	ug/l	97
37) Ethyl Acetate	4.715	43	37586	19.734	ug/l	99
38) Carbon Tetrachloride	5.666	117	33226	20.342	ug/l	99
39) Methylcyclohexane	7.379	83	35460	19.141	ug/l	99
40) Benzene	6.031	78	87632	18.985	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	20917	20.815	ug/l	99
42) 1,2-Dichloroethane	6.080	62	39653	20.800	ug/l	100
43) Isopropyl Acetate	6.336	43	58047	20.109	ug/l	99
44) Trichloroethene	7.117	130	20687	18.856	ug/l	100
45) 1,2-Dichloropropane	7.427	63	23246	20.185	ug/l	98
46) Dibromomethane	7.580	93	17754	20.082	ug/l	98
47) Bromodichloromethane	7.818	83	35447	20.077	ug/l	98
48) Methyl methacrylate	7.690	41	30482	20.452	ug/l	99
49) 1,4-Dioxane	7.659	88	12111	449.123	ug/l	99
51) 4-Methyl-2-Pentanone	8.568	43	202335	105.734	ug/l	99
52) Toluene	8.714	92	54204	19.407	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	29702	18.982	ug/l	100
54) cis-1,3-Dichloropropene	8.360	75	32924	19.844	ug/l	92
55) 1,1,2-Trichloroethane	9.147	97	22926	20.599	ug/l	97
56) Ethyl methacrylate	9.116	69	35396	20.550	ug/l	100
57) 1,3-Dichloropropane	9.305	76	40183	20.733	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	94075	107.966	ug/l	99
59) 2-Hexanone	9.427	43	148721	104.949	ug/l	98
60) Dibromochloromethane	9.519	129	24709	20.364	ug/l	100
61) 1,2-Dibromoethane	9.604	107	23015	20.428	ug/l	98
64) Tetrachloroethene	9.269	164	18498	18.638	ug/l	96
65) Chlorobenzene	10.073	112	59278	19.734	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.159	131	20228	19.396	ug/l	99
67) Ethyl Benzene	10.189	91	105364	19.585	ug/l	100
68) m/p-Xylenes	10.299	106	76806	39.253	ug/l	98
69) o-Xylene	10.640	106	37386	19.396	ug/l	96
70) Styrene	10.653	104	63618	19.997	ug/l	99
71) Bromoform	10.799	173	15470	19.867	ug/l #	97
73) Isopropylbenzene	10.957	105	100006	19.131	ug/l	100
74) N-amyl acetate	10.842	43	47342	18.932	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	36064	19.639	ug/l	97
76) 1,2,3-Trichloropropane	11.238	75	31640m	19.876	ug/l	
77) Bromobenzene	11.195	156	23277	19.272	ug/l	98
78) n-propylbenzene	11.299	91	117021	19.435	ug/l	99
79) 2-Chlorotoluene	11.360	91	73475	19.088	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	85893	19.870	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	8564	18.258	ug/l	95
82) 4-Chlorotoluene	11.451	91	84702	19.736	ug/l	99
83) tert-Butylbenzene	11.713	119	83334	19.472	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	86354	19.903	ug/l	99
85) sec-Butylbenzene	11.890	105	104713	19.921	ug/l	98
86) p-Isopropyltoluene	12.006	119	85424	19.712	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	42322	19.249	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	42499	19.067	ug/l	97
89) n-Butylbenzene	12.329	91	73269	19.497	ug/l	99
90) Hexachloroethane	12.536	117	14778	19.843	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	43415	19.861	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	7579	19.734	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	23677	19.459	ug/l	96
94) Hexachlorobutadiene	13.719	225	10437	19.906	ug/l	96
95) Naphthalene	13.774	128	85945	18.981	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	24936	19.572	ug/l	98

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

