

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010825\
 Data File : VX044619.D
 Acq On : 08 Jan 2025 11:47
 Operator : JC/MD
 Sample : VX0108MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0108MBS01

Quant Time: Jan 09 00:26:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 08 03:57:12 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 01/09/2025
 Supervised By : Semsettin Yesilyurt 01/09/2025

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	180937	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	312178	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	271921	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	141611	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.946	65	148820	51.011	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.020%
35) Dibromofluoromethane	5.379	113	103411	48.308	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.620%
50) Toluene-d8	8.641	98	353842	48.392	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.780%
62) 4-Bromofluorobenzene	11.079	95	141788	54.938	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	109.880%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.167	85	53208	20.324	ug/l	99
3) Chloromethane	1.295	50	49636	19.026	ug/l	100
4) Vinyl Chloride	1.374	62	46905	19.165	ug/l	98
5) Bromomethane	1.593	94	24948	19.679	ug/l	98
6) Chloroethane	1.666	64	28192	20.135	ug/l	96
7) Trichlorofluoromethane	1.874	101	73920	20.284	ug/l	100
8) Diethyl Ether	2.130	74	29582	22.974	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.319	101	40742	19.499	ug/l	97
10) Methyl Iodide	2.447	142	53849	18.482	ug/l	99
11) Tert butyl alcohol	2.983	59	42124	117.259	ug/l	99
12) 1,1-Dichloroethene	2.313	96	37219	18.387	ug/l	96
13) Acrolein	2.233	56	45016	94.775	ug/l	100
14) Allyl chloride	2.660	41	67464	20.040	ug/l	98
15) Acrylonitrile	3.063	53	110499	106.802	ug/l	99
16) Acetone	2.380	43	100518	109.318	ug/l	98
17) Carbon Disulfide	2.502	76	76210	18.208	ug/l	99
18) Methyl Acetate	2.697	43	58403	21.519	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	140534	20.259	ug/l	98
20) Methylene Chloride	2.782	84	45165	19.253	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	38334	18.452	ug/l	93
22) Diisopropyl ether	3.751	45	141724	20.479	ug/l #	84
23) Vinyl Acetate	3.715	43	604946	108.101	ug/l	100
24) 1,1-Dichloroethane	3.599	63	79766	19.781	ug/l	98
25) 2-Butanone	4.556	43	153059	115.324	ug/l	97
26) 2,2-Dichloropropane	4.465	77	67141	19.258	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	49744	19.637	ug/l	99
28) Bromochloromethane	4.891	49	38721	20.629	ug/l	100
29) Tetrahydrofuran	5.001	42	97228	106.977	ug/l	99
30) Chloroform	5.087	83	85717	19.718	ug/l	94
31) Cyclohexane	5.465	56	65929	19.914	ug/l	95
32) 1,1,1-Trichloroethane	5.373	97	73832	20.182	ug/l	100
36) 1,1-Dichloropropene	5.678	75	54286	19.612	ug/l	99
37) Ethyl Acetate	4.709	43	60242	21.275	ug/l	98
38) Carbon Tetrachloride	5.666	117	58435	19.027	ug/l	99
39) Methylcyclohexane	7.373	83	65742	18.614	ug/l	95
40) Benzene	6.032	78	168447	19.327	ug/l	99

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41) Methacrylonitrile	4.916	41	33361	21.949	ug/l	98
42) 1,2-Dichloroethane	6.080	62	72533	21.281	ug/l	99
43) Isopropyl Acetate	6.336	43	100618	21.539	ug/l	100
44) Trichloroethene	7.123	130	40727	18.281	ug/l	88
45) 1,2-Dichloropropane	7.428	63	42191	19.855	ug/l	93
46) Dibromomethane	7.574	93	33567	20.312	ug/l	99
47) Bromodichloromethane	7.818	83	61188	20.347	ug/l	97
48) Methyl methacrylate	7.690	41	50835	22.815	ug/l	97
49) 1,4-Dioxane	7.659	88	14506	443.040	ug/l #	95
51) 4-Methyl-2-Pentanone	8.574	43	313731	114.888	ug/l	98
52) Toluene	8.714	92	105419	20.047	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	59421	20.672	ug/l	94
54) cis-1,3-Dichloropropene	8.360	75	65284	20.208	ug/l	93
55) 1,1,2-Trichloroethane	9.147	97	42345	20.540	ug/l	96
56) Ethyl methacrylate	9.116	69	64187	21.409	ug/l	98
57) 1,3-Dichloropropane	9.305	76	73536	21.242	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	130196	87.597	ug/l	100
59) 2-Hexanone	9.427	43	226330	117.194	ug/l	100
60) Dibromochloromethane	9.519	129	42607	20.727	ug/l	95
61) 1,2-Dibromoethane	9.604	107	42877	20.594	ug/l	99
64) Tetrachloroethene	9.269	164	37611	19.563	ug/l	99
65) Chlorobenzene	10.080	112	114650	19.866	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	40254	21.001	ug/l	97
67) Ethyl Benzene	10.189	91	201434	20.326	ug/l	99
68) m/p-Xylenes	10.299	106	149160	40.959	ug/l	100
69) o-Xylene	10.640	106	83632	22.752	ug/l	95
70) Styrene	10.653	104	139749	23.770	ug/l	98
71) Bromoform	10.799	173	28228	22.437	ug/l #	99
73) Isopropylbenzene	10.957	105	210530	20.067	ug/l	99
74) N-ethyl acetate	10.842	43	87394	20.529	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	69027	20.412	ug/l	97
76) 1,2,3-Trichloropropane	11.238	75	58283m	20.531	ug/l	
77) Bromobenzene	11.195	156	51273	20.118	ug/l	97
78) n-propylbenzene	11.299	91	243104	20.572	ug/l	96
79) 2-Chlorotoluene	11.360	91	149979	19.585	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	177078	20.356	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	17366	18.622	ug/l	95
82) 4-Chlorotoluene	11.451	91	168710	19.584	ug/l	100
83) tert-Butylbenzene	11.713	119	177666	20.512	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	181560	20.778	ug/l	100
85) sec-Butylbenzene	11.890	105	222211	21.065	ug/l	100
86) p-Isopropyltoluene	12.006	119	176604	19.952	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	90200	19.564	ug/l	98
88) 1,4-Dichlorobenzene	12.037	146	90830	18.909	ug/l	98
89) n-Butylbenzene	12.329	91	150144	20.089	ug/l	97
90) Hexachloroethane	12.536	117	26078	18.340	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	97197	20.862	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	10900	17.002	ug/l	77
93) 1,2,4-Trichlorobenzene	13.585	180	54411	19.871	ug/l	100
94) Hexachlorobutadiene	13.725	225	23201	20.348	ug/l	96
95) Naphthalene	13.774	128	195019	22.073	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	55788	19.930	ug/l	97

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