

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020325\
 Data File : VX044815.D
 Acq On : 03 Feb 2025 15:22
 Operator : JC/MD
 Sample : VX0203MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0203MBS01

Quant Time: Feb 04 02:09:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 16 01:16:09 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 02/04/2025
 Supervised By :Mahesh Dadoda 02/04/2025

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	148508	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	272906	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	236090	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	100462	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	98531	43.955	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	87.920%		
35) Dibromofluoromethane	5.379	113	82459	47.562	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.120%		
50) Toluene-d8	8.647	98	307177	50.814	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.620%		
62) 4-Bromofluorobenzene	11.079	95	105285	46.719	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	93.440%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	36442	18.236	ug/l	100
3) Chloromethane	1.301	50	42945	19.872	ug/l	96
4) Vinyl Chloride	1.374	62	41268	19.327	ug/l	98
5) Bromomethane	1.593	94	11774	23.093	ug/l	96
6) Chloroethane	1.666	64	20167	51.505	ug/l	96
7) Trichlorofluoromethane	1.874	101	54309	23.013	ug/l	97
8) Diethyl Ether	2.130	74	17815	18.706	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.319	101	36595	20.629	ug/l	97
10) Methyl Iodide	2.447	142	48512	20.030	ug/l	99
11) Tert butyl alcohol	2.983	59	42222	84.490	ug/l #	84
12) 1,1-Dichloroethene	2.313	96	35927	20.661	ug/l	96
13) Acrolein	2.233	56	19536	83.073	ug/l	98
14) Allyl chloride	2.660	41	67074	19.811	ug/l	95
15) Acrylonitrile	3.062	53	111839	114.104	ug/l	100
16) Acetone	2.380	43	87937	99.154	ug/l	99
17) Carbon Disulfide	2.502	76	92570	19.510	ug/l	97
18) Methyl Acetate	2.703	43	65387	23.898	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	122757	19.490	ug/l	97
20) Methylene Chloride	2.782	84	41758	20.219	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	35873	19.760	ug/l	95
22) Diisopropyl ether	3.757	45	130162	22.117	ug/l	95
23) Vinyl Acetate	3.721	43	536345	104.122	ug/l	99
24) 1,1-Dichloroethane	3.605	63	70938	20.326	ug/l	99
25) 2-Butanone	4.556	43	147210	111.639	ug/l	97
26) 2,2-Dichloropropane	4.465	77	60069	17.759	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	44843	19.637	ug/l	97
28) Bromochloromethane	4.891	49	29673	18.195	ug/l	91
29) Tetrahydrofuran	5.007	42	97627	114.781	ug/l	97
30) Chloroform	5.093	83	70346	19.973	ug/l	97
31) Cyclohexane	5.464	56	63448	22.478	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	59202	18.284	ug/l	100
36) 1,1-Dichloropropene	5.684	75	47268	19.586	ug/l	98
37) Ethyl Acetate	4.715	43	57710	22.454	ug/l	97
38) Carbon Tetrachloride	5.678	117	49065	18.074	ug/l	96
39) Methylcyclohexane	7.373	83	66087	20.628	ug/l	99
40) Benzene	6.031	78	157075	21.003	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	30628	20.451	ug/l	97
42) 1,2-Dichloroethane	6.080	62	50390	18.461	ug/l	99
43) Isopropyl Acetate	6.342	43	96337	20.376	ug/l	99
44) Trichloroethene	7.123	130	35329	19.650	ug/l	97
45) 1,2-Dichloropropane	7.428	63	40392	21.457	ug/l	97
46) Dibromomethane	7.580	93	26852	18.738	ug/l	99
47) Bromodichloromethane	7.818	83	53669	18.262	ug/l	96
48) Methyl methacrylate	7.690	41	45108	20.554	ug/l	98
49) 1,4-Dioxane	7.659	88	15936	348.039	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	296213	113.370	ug/l	99
52) Toluene	8.714	92	99767	21.796	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	56019	18.450	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	62664	19.033	ug/l	96
55) 1,1,2-Trichloroethane	9.147	97	38863	20.985	ug/l	99
56) Ethyl methacrylate	9.116	69	64340	20.206	ug/l	99
57) 1,3-Dichloropropane	9.305	76	64947	20.594	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	138331	88.487	ug/l	97
59) 2-Hexanone	9.427	43	215005	111.851	ug/l	100
60) Dibromochloromethane	9.519	129	40064	18.432	ug/l	100
61) 1,2-Dibromoethane	9.610	107	37791	19.472	ug/l	100
64) Tetrachloroethene	9.269	164	28825	19.444	ug/l	97
65) Chlorobenzene	10.079	112	101682	20.277	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	33441	18.349	ug/l	99
67) Ethyl Benzene	10.189	91	178944	20.451	ug/l	99
68) m/p-Xylenes	10.299	106	134330	41.371	ug/l	98
69) o-Xylene	10.640	106	66342	20.204	ug/l	100
70) Styrene	10.653	104	109916	20.733	ug/l	97
71) Bromoform	10.799	173	25315	17.067	ug/l #	99
73) Isopropylbenzene	10.957	105	170942	20.829	ug/l	100
74) N-amyl acetate	10.842	43	83504	20.643	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	57738	20.370	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	46932m	19.250	ug/l	
77) Bromobenzene	11.195	156	37080	19.330	ug/l	98
78) n-propylbenzene	11.299	91	192356	21.253	ug/l	99
79) 2-Chlorotoluene	11.360	91	117967	20.177	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	138522	20.734	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	20324	19.063	ug/l	97
82) 4-Chlorotoluene	11.451	91	128996	20.141	ug/l	97
83) tert-Butylbenzene	11.713	119	142143	20.347	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	137268	20.218	ug/l	97
85) sec-Butylbenzene	11.890	105	174684	21.476	ug/l	99
86) p-Isopropyltoluene	12.006	119	139658	20.893	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	66843	20.093	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	66352	19.730	ug/l	99
89) n-Butylbenzene	12.329	91	121208	21.111	ug/l	99
90) Hexachloroethane	12.536	117	26729	17.658	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	68521	20.056	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	11047	15.936	ug/l	92
93) 1,2,4-Trichlorobenzene	13.585	180	38503	18.852	ug/l	98
94) Hexachlorobutadiene	13.725	225	14809	18.459	ug/l	99
95) Naphthalene	13.774	128	157124	19.947	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	40407	19.087	ug/l	99

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

