

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122823\
 Data File : VX039522.D
 Acq On : 28 Dec 2023 17:26
 Operator : JC/MD
 Sample : VX1228MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1228MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/29/2023
 Supervised By : Semsettin Yesilyurt 01/01/2024

Quant Time: Dec 28 22:54:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	109252	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	198347	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	175185	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	78681	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	96224	48.078	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.160%		
35) Dibromofluoromethane	5.385	113	70072	51.137	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.280%		
50) Toluene-d8	8.647	98	256329	50.387	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.780%		
62) 4-Bromofluorobenzene	11.079	95	92088	43.873	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	87.740%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	26331	17.152	ug/l	98
3) Chloromethane	1.295	50	31622	18.580	ug/l	99
4) Vinyl Chloride	1.374	62	29904	18.893	ug/l	99
5) Bromomethane	1.593	94	14258	15.657	ug/l	98
6) Chloroethane	1.660	64	13471	14.123	ug/l	97
7) Trichlorofluoromethane	1.868	101	41244	17.795	ug/l	99
8) Diethyl Ether	2.136	74	15530	19.360	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.319	101	25020	17.690	ug/l	98
10) Methyl Iodide	2.447	142	23387	15.997	ug/l	93
11) Tert butyl alcohol	2.995	59	52767	104.990	ug/l #	95
12) 1,1-Dichloroethene	2.313	96	25294	18.004	ug/l	89
13) Acrolein	2.240	56	41994	104.737	ug/l	99
14) Allyl chloride	2.660	41	49343	17.337	ug/l	96
15) Acrylonitrile	3.069	53	101536	100.931	ug/l	98
16) Acetone	2.386	43	90094	59.543	ug/l	96
17) Carbon Disulfide	2.502	76	58612	14.256	ug/l	97
18) Methyl Acetate	2.703	43	91716	21.187	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	94129	18.525	ug/l	99
20) Methylene Chloride	2.788	84	31006	18.584	ug/l	94
21) trans-1,2-Dichloroethene	3.087	96	26189	17.131	ug/l	97
22) Diisopropyl ether	3.764	45	101979	19.684	ug/l	88
23) Vinyl Acetate	3.721	43	356127	92.334	ug/l	99
24) 1,1-Dichloroethane	3.611	63	53502	18.269	ug/l	97
25) 2-Butanone	4.562	43	148274	85.853	ug/l	98
26) 2,2-Dichloropropane	4.471	77	36724	14.364	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	31031	18.390	ug/l	99
28) Bromochloromethane	4.898	49	25272	17.686	ug/l	94
29) Tetrahydrofuran	5.007	42	100213	105.071	ug/l	98
30) Chloroform	5.093	83	53131	18.154	ug/l	97
31) Cyclohexane	5.465	56	45527	17.612	ug/l	92
32) 1,1,1-Trichloroethane	5.379	97	43700	17.200	ug/l	97
36) 1,1-Dichloropropene	5.690	75	38286	17.706	ug/l	99
37) Ethyl Acetate	4.721	43	54050	20.232	ug/l	99
38) Carbon Tetrachloride	5.678	117	33284	16.129	ug/l	94
39) Methylcyclohexane	7.379	83	44951	17.306	ug/l	99
40) Benzene	6.038	78	116812	19.097	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	28554	20.033	ug/l	96
42) 1,2-Dichloroethane	6.086	62	45119	18.223	ug/l	99
43) Isopropyl Acetate	6.342	43	80906	18.624	ug/l	100
44) Trichloroethene	7.123	130	25818	16.727	ug/l	90
45) 1,2-Dichloropropane	7.428	63	31497	19.187	ug/l	96
46) Dibromomethane	7.580	93	20827	18.048	ug/l	95
47) Bromodichloromethane	7.824	83	37375	16.939	ug/l	96
48) Methyl methacrylate	7.696	41	48914	19.260	ug/l	97
49) 1,4-Dioxane	7.665	88	17246	503.771	ug/l #	99
51) 4-Methyl-2-Pentanone	8.574	43	293074	105.884	ug/l	97
52) Toluene	8.720	92	67814	18.369	ug/l	91
53) t-1,3-Dichloropropene	8.976	75	37740	15.536	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	42488	16.256	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	29663	19.246	ug/l	96
56) Ethyl methacrylate	9.116	69	36623	19.464	ug/l	96
57) 1,3-Dichloropropane	9.305	76	50229	18.851	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	99744	90.281	ug/l	93
59) 2-Hexanone	9.433	43	232983	97.532	ug/l	99
60) Dibromochloromethane	9.519	129	25417	16.306	ug/l	100
61) 1,2-Dibromoethane	9.610	107	30427	18.493	ug/l	98
64) Tetrachloroethene	9.275	164	20369	17.793	ug/l	97
65) Chlorobenzene	10.080	112	69575	18.195	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	24235	17.943	ug/l	98
67) Ethyl Benzene	10.195	91	133768	18.794	ug/l	96
68) m/p-Xylenes	10.299	106	97547	38.223	ug/l	95
69) o-Xylene	10.640	106	49284	19.974	ug/l	99
70) Styrene	10.653	104	68218	18.911	ug/l	98
71) Bromoform	10.799	173	16400	16.336	ug/l #	99
73) Isopropylbenzene	10.964	105	126771	20.883	ug/l	100
74) N-amyl acetate	10.842	43	68018	22.145	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.214	83	52672	23.324	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	42780m	21.016	ug/l	
77) Bromobenzene	11.195	156	28046	20.892	ug/l	92
78) n-propylbenzene	11.305	91	148402	19.841	ug/l	96
79) 2-Chlorotoluene	11.366	91	91344	20.190	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	107767	20.839	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	12042	16.688	ug/l	96
82) 4-Chlorotoluene	11.451	91	104248	19.618	ug/l	97
83) tert-Butylbenzene	11.713	119	103293	20.987	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	111367	20.999	ug/l	98
85) sec-Butylbenzene	11.890	105	124452	19.872	ug/l	98
86) p-Isopropyltoluene	12.006	119	102220	19.448	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	50363	19.097	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	50397	18.353	ug/l	97
89) n-Butylbenzene	12.335	91	90932	17.599	ug/l	95
90) Hexachloroethane	12.536	117	16966	17.870	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	52791	20.921	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	11340	19.065	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	28162	17.044	ug/l	96
94) Hexachlorobutadiene	13.725	225	11418	18.337	ug/l	98
95) Naphthalene	13.774	128	115843	20.131	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	29665	18.597	ug/l	99

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

