

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080823\
 Data File : VX036872.D
 Acq On : 08 Aug 2023 18:27
 Operator : JC/MD
 Sample : VX0808MBS02
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0808MBS02

Quant Time: Aug 09 04:19:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/09/2023
 Supervised By : Semsettin Yesilyurt 08/09/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	115761	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	213572	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	197242	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96179	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	92938	54.259	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.520%			
35) Dibromofluoromethane	5.385	113	76846	52.348	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.700%			
50) Toluene-d8	8.647	98	246873	47.423	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 94.840%			
62) 4-Bromofluorobenzene	11.079	95	101721	51.791	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.580%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	28479	18.623	ug/l	100
3) Chloromethane	1.301	50	27607	19.848	ug/l	99
4) Vinyl Chloride	1.374	62	27836	19.657	ug/l	97
5) Bromomethane	1.599	94	15914	18.823	ug/l	97
6) Chloroethane	1.685	64	18426	26.763	ug/l	98
7) Trichlorofluoromethane	1.886	101	46265	21.156	ug/l	98
8) Diethyl Ether	2.136	74	19205	22.699	ug/l	79
9) 1,1,2-Trichlorotrifluo...	2.331	101	24935	18.978	ug/l	98
10) Methyl Iodide	2.453	142	33176	24.311	ug/l	95
11) Tert butyl alcohol	2.965	59	51109	126.037	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	25461	19.642	ug/l	88
13) Acrolein	2.239	56	29639	128.073	ug/l	98
14) Allyl chloride	2.666	41	46396	18.177	ug/l #	95
15) Acrylonitrile	3.062	53	91753	112.512	ug/l	99
16) Acetone	2.380	43	80524	113.291	ug/l	93
17) Carbon Disulfide	2.514	76	66814	18.676	ug/l	98
18) Methyl Acetate	2.703	43	65838	22.019	ug/l	92
19) Methyl tert-butyl Ether	3.117	73	110974	22.782	ug/l	99
20) Methylene Chloride	2.788	84	34849	22.046	ug/l	89
21) trans-1,2-Dichloroethene	3.093	96	29991	20.702	ug/l	87
22) Diisopropyl ether	3.763	45	97384	20.094	ug/l	90
23) Vinyl Acetate	3.721	43	388154	104.411	ug/l #	93
24) 1,1-Dichloroethane	3.611	63	57166	21.038	ug/l	97
25) 2-Butanone	4.556	43	129239	112.072	ug/l #	90
26) 2,2-Dichloropropane	4.477	77	39021	15.240	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	37669	21.892	ug/l	90
28) Bromochloromethane	4.897	49	28378	21.594	ug/l #	83
29) Tetrahydrofuran	5.007	42	82491	110.953	ug/l	88
30) Chloroform	5.093	83	61920	22.274	ug/l	98
31) Cyclohexane	5.471	56	40707	17.164	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	52641	20.666	ug/l	98
36) 1,1-Dichloropropene	5.696	75	40449	18.487	ug/l	98
37) Ethyl Acetate	4.715	43	49430	19.960	ug/l #	95
38) Carbon Tetrachloride	5.684	117	43860	18.855	ug/l	96
39) Methylcyclohexane	7.379	83	41176	15.134	ug/l	93
40) Benzene	6.037	78	127949	20.099	ug/l	99

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41) Methacrylonitrile	4.928	41	26795	20.230	ug/l	91
42) 1,2-Dichloroethane	6.086	62	51565	22.155	ug/l	96
43) Isopropyl Acetate	6.342	43	80741	18.940	ug/l #	94
44) Trichloroethene	7.129	130	33799	20.312	ug/l	100
45) 1,2-Dichloropropane	7.434	63	33702	19.829	ug/l	98
46) Dibromomethane	7.580	93	25696	21.602	ug/l	96
47) Bromodichloromethane	7.824	83	49897	20.436	ug/l	97
48) Methyl methacrylate	7.696	41	38830	19.586	ug/l #	88
49) 1,4-Dioxane	7.659	88	20673	516.179	ug/l #	88
51) 4-Methyl-2-Pentanone	8.574	43	250626	106.238	ug/l	95
52) Toluene	8.720	92	81685	20.479	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	52131	18.890	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	54784	18.813	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	35645	21.259	ug/l	98
56) Ethyl methacrylate	9.116	69	57307	20.989	ug/l	91
57) 1,3-Dichloropropane	9.311	76	59742	21.392	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	133327	99.105	ug/l	95
59) 2-Hexanone	9.433	43	191061	109.126	ug/l	92
60) Dibromochloromethane	9.519	129	38093	20.670	ug/l	100
61) 1,2-Dibromoethane	9.610	107	38398	22.096	ug/l	100
64) Tetrachloroethene	9.275	164	29812	20.264	ug/l	95
65) Chlorobenzene	10.079	112	88204	20.287	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	33846	20.141	ug/l	97
67) Ethyl Benzene	10.195	91	165180	20.797	ug/l	100
68) m/p-Xylenes	10.299	106	129307	43.634	ug/l	98
69) o-Xylene	10.640	106	59938	20.263	ug/l	99
70) Styrene	10.653	104	99318	20.350	ug/l	98
71) Bromoform	10.799	173	26893	19.770	ug/l #	99
73) Isopropylbenzene	10.963	105	148198	18.619	ug/l	98
74) N-amyl acetate	10.841	43	67879	18.287	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	54632	20.321	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	46550m	20.577	ug/l	
77) Bromobenzene	11.195	156	37539	20.709	ug/l	93
78) n-propylbenzene	11.305	91	169758	18.441	ug/l	100
79) 2-Chlorotoluene	11.366	91	109667	19.660	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	132789	19.942	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	15701	15.731	ug/l	89
82) 4-Chlorotoluene	11.451	91	123834	19.484	ug/l	100
83) tert-Butylbenzene	11.713	119	115138	17.601	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	155957	23.419	ug/l	97
85) sec-Butylbenzene	11.890	105	132668	16.262	ug/l	98
86) p-Isopropyltoluene	12.006	119	114133	17.002	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	68298	20.343	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	68461	20.547	ug/l	100
89) n-Butylbenzene	12.329	91	93817	15.612	ug/l	98
90) Hexachloroethane	12.536	117	20866	15.333	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	68449	21.128	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	12977	20.772	ug/l	86
93) 1,2,4-Trichlorobenzene	13.585	180	37860	18.968	ug/l	98
94) Hexachlorobutadiene	13.725	225	12689	15.366	ug/l	98
95) Naphthalene	13.774	128	164688	23.677	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	38678	19.660	ug/l	97

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

