

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062123\
 Data File : VX036260.D
 Acq On : 21 Jun 2023 11:01
 Operator : JC/MD
 Sample : VX0621MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0621MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/22/2023
 Supervised By : Mahesh Dadoda 06/22/2023

Quant Time: Jun 22 05:00:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 16 16:28:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	118296	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	216199	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	200140	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95272	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	114180	52.817	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.640%			
35) Dibromofluoromethane	5.379	113	79496	54.223	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.440%			
50) Toluene-d8	8.647	98	287032	53.523	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 107.040%			
62) 4-Bromofluorobenzene	11.079	95	108374	50.063	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.120%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	22476	15.479	ug/l	99
3) Chloromethane	1.294	50	26180	17.041	ug/l	96
4) Vinyl Chloride	1.374	62	24181	16.522	ug/l	99
5) Bromomethane	1.617	94	18275	20.313	ug/l	97
6) Chloroethane	1.691	64	19616	20.714	ug/l	94
7) Trichlorofluoromethane	1.886	101	38582	16.290	ug/l	97
8) Diethyl Ether	2.130	74	17494	19.844	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	26348	19.507	ug/l	97
10) Methyl Iodide	2.453	142	29811	21.405	ug/l	94
11) Tert butyl alcohol	2.989	59	30217	91.430	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	24417	19.117	ug/l	94
13) Acrolein	2.239	56	35528	96.802	ug/l	99
14) Allyl chloride	2.666	41	51329	19.861	ug/l	98
15) Acrylonitrile	3.062	53	91815	108.600	ug/l	97
16) Acetone	2.392	43	89247	99.367	ug/l	97
17) Carbon Disulfide	2.514	76	57735	18.288	ug/l	99
18) Methyl Acetate	2.703	43	73928	21.703	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	102997	20.599	ug/l	97
20) Methylene Chloride	2.788	84	33318	20.475	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	28727	20.243	ug/l	97
22) Diisopropyl ether	3.757	45	113450	22.060	ug/l	91
23) Vinyl Acetate	3.721	43	398197	109.249	ug/l	98
24) 1,1-Dichloroethane	3.611	63	60169	21.176	ug/l	99
25) 2-Butanone	4.562	43	129025	102.613	ug/l	100
26) 2,2-Dichloropropane	4.477	77	42193	19.095	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	34630	21.340	ug/l	97
28) Bromochloromethane	4.897	49	27224	18.380	ug/l	91
29) Tetrahydrofuran	5.007	42	82192	102.922	ug/l	99
30) Chloroform	5.092	83	59440	19.863	ug/l	100
31) Cyclohexane	5.470	56	45655	19.686	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	46962	18.510	ug/l	97
36) 1,1-Dichloropropene	5.696	75	41185	19.071	ug/l	99
37) Ethyl Acetate	4.714	43	50027	19.883	ug/l	99
38) Carbon Tetrachloride	5.678	117	36663	17.464	ug/l	100
39) Methylcyclohexane	7.379	83	44401	19.090	ug/l	98
40) Benzene	6.037	78	123992	20.417	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	27672	19.948	ug/l	97
42) 1,2-Dichloroethane	6.086	62	52974	19.362	ug/l	98
43) Isopropyl Acetate	6.336	43	80400	20.880	ug/l	99
44) Trichloroethene	7.123	130	29602	19.506	ug/l	99
45) 1,2-Dichloropropane	7.427	63	34163	21.159	ug/l	100
46) Dibromomethane	7.580	93	23460	20.396	ug/l	99
47) Bromodichloromethane	7.824	83	42753	19.361	ug/l	96
48) Methyl methacrylate	7.690	41	39564	20.027	ug/l	98
49) 1,4-Dioxane	7.696	88	13432	406.084	ug/l #	95
51) 4-Methyl-2-Pentanone	8.574	43	253869	104.413	ug/l	98
52) Toluene	8.714	92	77080	20.272	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	44343	19.496	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	50280	20.614	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	31661	20.170	ug/l	91
56) Ethyl methacrylate	9.116	69	48940	20.639	ug/l	93
57) 1,3-Dichloropropane	9.305	76	56888	20.372	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	135490	103.670	ug/l	98
59) 2-Hexanone	9.427	43	191378	105.874	ug/l	96
60) Dibromochloromethane	9.518	129	29591	19.314	ug/l	99
61) 1,2-Dibromoethane	9.610	107	33962	20.751	ug/l	98
64) Tetrachloroethene	9.275	164	24598	19.754	ug/l	96
65) Chlorobenzene	10.079	112	80826	19.489	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.159	131	28385	19.833	ug/l	99
67) Ethyl Benzene	10.195	91	144988	19.575	ug/l	100
68) m/p-Xylenes	10.299	106	109858	39.313	ug/l	100
69) o-Xylene	10.640	106	54220	19.666	ug/l	97
70) Styrene	10.652	104	89804	19.549	ug/l	99
71) Bromoform	10.799	173	17570	17.832	ug/l #	99
73) Isopropylbenzene	10.963	105	137490	19.449	ug/l	99
74) N-amyl acetate	10.841	43	68266	21.369	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	51044	21.087	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	42029m	18.588	ug/l	
77) Bromobenzene	11.195	156	33713	20.355	ug/l	99
78) n-propylbenzene	11.305	91	165382	19.886	ug/l	97
79) 2-Chlorotoluene	11.360	91	102680	19.630	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	117193	19.468	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	11436	17.703	ug/l #	83
82) 4-Chlorotoluene	11.451	91	118207	19.395	ug/l	100
83) tert-Butylbenzene	11.713	119	109575	19.147	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	117012	19.488	ug/l	96
85) sec-Butylbenzene	11.890	105	136348	19.135	ug/l	99
86) p-Isopropyltoluene	12.006	119	112922	18.836	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	62543	19.800	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	63287	19.560	ug/l	99
89) n-Butylbenzene	12.329	91	101029	18.883	ug/l	97
90) Hexachloroethane	12.536	117	16448	17.491	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	62448	20.144	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	9514	17.820	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	35702	20.316	ug/l	96
94) Hexachlorobutadiene	13.725	225	12597	18.133	ug/l	95
95) Naphthalene	13.774	128	124737	20.578	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	35071	19.902	ug/l	99

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

