

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062123\
 Data File : VX036276.D
 Acq On : 21 Jun 2023 17:19
 Operator : JC/MD
 Sample : VX0621MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0621MBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/27/2023
 Supervised By :Mahesh Dadoda 06/27/2023

Quant Time: Jun 22 05:02:57 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	124227	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	234473	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	201593	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96946	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	107138	47.194	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.380%
35) Dibromofluoromethane	5.385	113	76459	48.087	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.180%
50) Toluene-d8	8.647	98	295897	50.876	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.760%
62) 4-Bromofluorobenzene	11.079	95	99544	42.400	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	84.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	24228	15.889	ug/l	96
3) Chloromethane	1.294	50	30218	18.730	ug/l	96
4) Vinyl Chloride	1.374	62	28604	18.611	ug/l	100
5) Bromomethane	1.617	94	21866	23.145	ug/l	95
6) Chloroethane	1.691	64	21223	21.341	ug/l	91
7) Trichlorofluoromethane	1.892	101	41481	16.678	ug/l	97
8) Diethyl Ether	2.130	74	17284	18.670	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	25012	17.634	ug/l	96
10) Methyl Iodide	2.453	142	26871	18.373	ug/l	92
11) Tert butyl alcohol	2.995	59	32747	94.355	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	24751	18.453	ug/l	98
13) Acrolein	2.239	56	32241	83.652	ug/l	96
14) Allyl chloride	2.666	41	51243	18.882	ug/l	98
15) Acrylonitrile	3.062	53	97542	109.866	ug/l	99
16) Acetone	2.392	43	87442	92.710	ug/l	94
17) Carbon Disulfide	2.514	76	50964	15.372	ug/l	100
18) Methyl Acetate	2.703	43	77754	21.736	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	101981	19.422	ug/l	100
20) Methylene Chloride	2.788	84	32718	19.146	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	28670	19.239	ug/l	94
22) Diisopropyl ether	3.763	45	114993	21.293	ug/l #	84
23) Vinyl Acetate	3.721	43	392417	102.523	ug/l	99
24) 1,1-Dichloroethane	3.611	63	58160	19.492	ug/l	99
25) 2-Butanone	4.562	43	142747	108.106	ug/l	100
26) 2,2-Dichloropropane	4.471	77	36487	15.725	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	33630	19.735	ug/l	97
28) Bromochloromethane	4.897	49	35841	23.042	ug/l	89
29) Tetrahydrofuran	5.013	42	93324	111.283	ug/l	95
30) Chloroform	5.092	83	56737	18.055	ug/l	97
31) Cyclohexane	5.464	56	48032	19.723	ug/l	94
32) 1,1,1-Trichloroethane	5.379	97	43726	16.412	ug/l	97
36) 1,1-Dichloropropene	5.690	75	40064	17.106	ug/l	99
37) Ethyl Acetate	4.714	43	53006	19.425	ug/l	100
38) Carbon Tetrachloride	5.678	117	32137	14.115	ug/l	98
39) Methylcyclohexane	7.379	83	43378	17.197	ug/l	97
40) Benzene	6.037	78	126810	19.253	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	28296	18.808	ug/l	97
42) 1,2-Dichloroethane	6.086	62	49309	16.618	ug/l	99
43) Isopropyl Acetate	6.336	43	82627	19.786	ug/l	98
44) Trichloroethene	7.123	130	28737	17.460	ug/l	98
45) 1,2-Dichloropropane	7.427	63	33026	18.861	ug/l	100
46) Dibromomethane	7.580	93	22424	17.976	ug/l	95
47) Bromodichloromethane	7.818	83	37323	15.585	ug/l #	97
48) Methyl methacrylate	7.696	41	39005	18.205	ug/l	98
49) 1,4-Dioxane	7.702	88	16485	459.542	ug/l #	96
51) 4-Methyl-2-Pentanone	8.574	43	271260	102.871	ug/l	98
52) Toluene	8.720	92	77572	18.811	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	39362	15.957	ug/l	93
54) cis-1,3-Dichloropropene	8.366	75	43938	16.610	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	31832	18.699	ug/l	92
56) Ethyl methacrylate	9.116	69	46686	18.154	ug/l	94
57) 1,3-Dichloropropane	9.311	76	56360	18.610	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.244	63	143522	101.257	ug/l	97
59) 2-Hexanone	9.433	43	205493	104.823	ug/l	97
60) Dibromochloromethane	9.518	129	23415	14.092	ug/l	95
61) 1,2-Dibromoethane	9.610	107	30662	17.274	ug/l	98
64) Tetrachloroethene	9.275	164	22746	18.135	ug/l	97
65) Chlorobenzene	10.079	112	75179	17.997	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	22887	15.876	ug/l	96
67) Ethyl Benzene	10.195	91	134561	18.037	ug/l	99
68) m/p-Xylenes	10.299	106	103791	36.874	ug/l	99
69) o-Xylene	10.640	106	50773	18.283	ug/l	98
70) Styrene	10.652	104	85362	18.448	ug/l	98
71) Bromoform	10.799	173	13308	13.409	ug/l #	100
73) Isopropylbenzene	10.963	105	125230	17.409	ug/l	97
74) N-amyl acetate	10.841	43	63467	19.524	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	47671	19.354	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	39757m	17.280	ug/l	
77) Bromobenzene	11.195	156	29879	17.728	ug/l	97
78) n-propylbenzene	11.305	91	152742	18.049	ug/l	98
79) 2-Chlorotoluene	11.366	91	92526	17.383	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	107773	17.594	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	10090	15.350	ug/l	85
82) 4-Chlorotoluene	11.451	91	108791	17.542	ug/l	100
83) tert-Butylbenzene	11.713	119	98809	16.968	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	108899	17.824	ug/l	96
85) sec-Butylbenzene	11.890	105	128108	17.668	ug/l	99
86) p-Isopropyltoluene	12.006	119	106954	17.532	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	56514	17.583	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	57923	17.593	ug/l	98
89) n-Butylbenzene	12.329	91	94829	17.418	ug/l	99
90) Hexachloroethane	12.536	117	13729	14.347	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	56806	18.008	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	8209	15.110	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	29853	16.694	ug/l	98
94) Hexachlorobutadiene	13.725	225	9974	14.109	ug/l	97
95) Naphthalene	13.774	128	113829	18.454	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	30309	16.902	ug/l	100

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

