

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051723\
 Data File : VX035716.D
 Acq On : 17 May 2023 14:27
 Operator : JC/MD
 Sample : VX0517MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0517MBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa
 Patel

05/18/2023
 Supervised By :Mahesh
 Dadoda

Quant Time: May 18 04:41:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	185156	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	329371	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	296447	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	139592	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	180728	55.951	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 111.900%	
35) Dibromofluoromethane	5.385	113	120993	54.470	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 108.940%	
50) Toluene-d8	8.647	98	439893	53.607	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 107.220%	
62) 4-Bromofluorobenzene	11.079	95	178352	53.980	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 107.960%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	47507	19.688	ug/l	99
3) Chloromethane	1.294	50	52207	17.828	ug/l	97
4) Vinyl Chloride	1.374	62	50248	20.219	ug/l	95
5) Bromomethane	1.617	94	31133	23.131	ug/l	96
6) Chloroethane	1.691	64	31905	21.162	ug/l	97
7) Trichlorofluoromethane	1.886	101	78244	21.412	ug/l	99
8) Diethyl Ether	2.130	74	31176	22.159	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	45955	21.182	ug/l	95
10) Methyl Iodide	2.453	142	42113	21.704	ug/l	# 89
11) Tert butyl alcohol	3.007	59	63919	112.163	ug/l	95
12) 1,1-Dichloroethene	2.319	96	41026	19.897	ug/l	83
13) Acrolein	2.239	56	64982	96.074	ug/l	100
14) Allyl chloride	2.666	41	88058	19.934	ug/l	92
15) Acrylonitrile	3.068	53	143966	114.724	ug/l	98
16) Acetone	2.398	43	143177	103.132	ug/l	97
17) Carbon Disulfide	2.514	76	84502	16.981	ug/l	100
18) Methyl Acetate	2.709	43	119651	23.369	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	175056	21.335	ug/l	98
20) Methylene Chloride	2.788	84	51492	20.465	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	45332	20.064	ug/l	93
22) Diisopropyl ether	3.757	45	184886	21.377	ug/l	97
23) Vinyl Acetate	3.721	43	660801	107.978	ug/l	98
24) 1,1-Dichloroethane	3.611	63	98352	21.262	ug/l	98
25) 2-Butanone	4.562	43	213655	111.173	ug/l	97
26) 2,2-Dichloropropane	4.471	77	74549	19.032	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	55774	20.535	ug/l	93
28) Bromochloromethane	4.897	49	49080	23.589	ug/l	95
29) Tetrahydrofuran	5.013	42	137875	114.141	ug/l	98
30) Chloroform	5.092	83	101618	21.438	ug/l	99
31) Cyclohexane	5.470	56	82163	20.133	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	83476	20.241	ug/l	98
36) 1,1-Dichloropropene	5.690	75	72457	20.665	ug/l	97
37) Ethyl Acetate	4.714	43	84891	23.213	ug/l	98
38) Carbon Tetrachloride	5.678	117	65700	19.781	ug/l	98
39) Methylcyclohexane	7.379	83	81844	19.830	ug/l	94
40) Benzene	6.037	78	203731	20.771	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	47660	21.950	ug/l	96
42) 1,2-Dichloroethane	6.086	62	92863	22.009	ug/l	97
43) Isopropyl Acetate	6.336	43	136272	21.369	ug/l	98
44) Trichloroethene	7.123	130	51277	20.617	ug/l	92
45) 1,2-Dichloropropane	7.427	63	54759	21.079	ug/l	100
46) Dibromomethane	7.580	93	37719	21.212	ug/l	94
47) Bromodichloromethane	7.818	83	69839	20.320	ug/l	99
48) Methyl methacrylate	7.690	41	68637	21.809	ug/l	95
49) 1,4-Dioxane	7.720	88	29165	435.711	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	430372	117.144	ug/l	98
52) Toluene	8.714	92	128193	20.704	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	74603	19.979	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	82284	20.567	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	53426	21.969	ug/l	98
56) Ethyl methacrylate	9.116	69	85021	21.589	ug/l	96
57) 1,3-Dichloropropane	9.305	76	96172	21.815	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	226446	113.031	ug/l	97
59) 2-Hexanone	9.427	43	323049	116.760	ug/l	97
60) Dibromochloromethane	9.518	129	47260	20.388	ug/l	99
61) 1,2-Dibromoethane	9.610	107	54637	21.325	ug/l	100
64) Tetrachloroethene	9.275	164	40408	20.246	ug/l	95
65) Chlorobenzene	10.079	112	133756	20.670	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	46731	20.423	ug/l	99
67) Ethyl Benzene	10.195	91	253999	20.870	ug/l	96
68) m/p-Xylenes	10.299	106	187451	41.669	ug/l	93
69) o-Xylene	10.640	106	93374	20.917	ug/l	96
70) Styrene	10.652	104	150628	20.936	ug/l	97
71) Bromoform	10.799	173	28198	18.730	ug/l #	98
73) Isopropylbenzene	10.963	105	247311	21.025	ug/l	98
74) N-amyl acetate	10.841	43	113635	20.720	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	82948	21.738	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	71020m	20.800	ug/l	
77) Bromobenzene	11.195	156	54740	20.503	ug/l	92
78) n-propylbenzene	11.305	91	290478	21.008	ug/l	99
79) 2-Chlorotoluene	11.366	91	177786	20.537	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	209004	20.906	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	19399	18.310	ug/l #	80
82) 4-Chlorotoluene	11.451	91	207666	20.829	ug/l	97
83) tert-Butylbenzene	11.713	119	199863	20.566	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	209475	20.868	ug/l	97
85) sec-Butylbenzene	11.890	105	256018	20.982	ug/l	97
86) p-Isopropyltoluene	12.006	119	209791	20.914	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	102658	20.241	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	105100	20.522	ug/l	97
89) n-Butylbenzene	12.329	91	190273	20.852	ug/l	97
90) Hexachloroethane	12.536	117	29382	19.325	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	104361	21.013	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	17533	20.635	ug/l	87
93) 1,2,4-Trichlorobenzene	13.591	180	61750	20.649	ug/l	96
94) Hexachlorobutadiene	13.725	225	24485	20.628	ug/l	100
95) Naphthalene	13.774	128	222411	21.718	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	62035	21.092	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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