

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051023\
 Data File : VX035581.D
 Acq On : 10 May 2023 13:07
 Operator : JC/MD
 Sample : VX0510MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/11/2023
 Supervised By : Mahesh Dadoda 05/11/2023

Quant Time: May 11 04:16:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.543	168	304122	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	476300	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	423624	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	220476	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	178157	48.557	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.120%		
35) Dibromofluoromethane	5.379	113	165412	56.582	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	113.160%		
50) Toluene-d8	8.647	98	565427	51.272	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	102.540%		
62) 4-Bromofluorobenzene	11.079	95	227442	54.825	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	109.640%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	45552	14.155	ug/l	98
3) Chloromethane	1.294	50	48449	16.550	ug/l	99
4) Vinyl Chloride	1.373	62	43242	14.728	ug/l	99
5) Bromomethane	1.617	94	24921	12.770	ug/l	97
6) Chloroethane	1.690	64	25581	14.897	ug/l	100
7) Trichlorofluoromethane	1.886	101	69376	15.110	ug/l	96
8) Diethyl Ether	2.129	74	28969	17.304	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.331	101	50187	16.365	ug/l	93
10) Methyl Iodide	2.453	142	43697	11.290	ug/l	98
11) Tert butyl alcohol	2.995	59	53762	80.475	ug/l #	84
12) 1,1-Dichloroethene	2.318	96	47851	16.200	ug/l	90
13) Acrolein	2.239	56	59329	90.304	ug/l	99
14) Allyl chloride	2.660	41	86190	16.581	ug/l	92
15) Acrylonitrile	3.062	53	141353	84.598	ug/l	99
16) Acetone	2.392	43	124648	78.221	ug/l	95
17) Carbon Disulfide	2.514	76	118670	16.759	ug/l	98
18) Methyl Acetate	2.703	43	105191	17.071	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	185019	18.258	ug/l	94
20) Methylene Chloride	2.788	84	61243	16.761	ug/l	89
21) trans-1,2-Dichloroethene	3.087	96	54064	16.853	ug/l	95
22) Diisopropyl ether	3.751	45	179202	17.421	ug/l	97
23) Vinyl Acetate	3.715	43	624759	88.361	ug/l	96
24) 1,1-Dichloroethane	3.605	63	99216	17.124	ug/l	98
25) 2-Butanone	4.556	43	187917	80.793	ug/l	91
26) 2,2-Dichloropropane	4.470	77	81783	18.017	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	66450	17.622	ug/l	91
28) Bromochloromethane	4.891	49	48517	19.649	ug/l #	78
29) Tetrahydrofuran	5.007	42	120588	80.876	ug/l	92
30) Chloroform	5.086	83	103492	17.694	ug/l	95
31) Cyclohexane	5.464	56	84365	16.209	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	90111	17.579	ug/l	95
36) 1,1-Dichloropropene	5.690	75	73133	16.021	ug/l	96
37) Ethyl Acetate	4.702	43	71938	17.255	ug/l #	92
38) Carbon Tetrachloride	5.671	117	77067	17.785	ug/l	98
39) Methylcyclohexane	7.378	83	93319	16.795	ug/l	96
40) Benzene	6.031	78	229130	17.498	ug/l	99

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41) Methacrylonitrile	4.916	41	43104	18.043	ug/l	95
42) 1,2-Dichloroethane	6.080	62	78969	16.914	ug/l	94
43) Isopropyl Acetate	6.336	43	125209	17.873	ug/l #	93
44) Trichloroethene	7.122	130	65323	18.108	ug/l	93
45) 1,2-Dichloropropane	7.427	63	58298	17.659	ug/l	99
46) Dibromomethane	7.574	93	41586	18.344	ug/l #	88
47) Bromodichloromethane	7.817	83	81513	19.515	ug/l	95
48) Methyl methacrylate	7.689	41	61304	17.840	ug/l	87
49) 1,4-Dioxane	7.708	88	27133	323.929	ug/l	96
51) 4-Methyl-2-Pentanone	8.567	43	371238	86.256	ug/l	93
52) Toluene	8.714	92	148699	17.915	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	89832	20.594	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	97007	19.675	ug/l #	88
55) 1,1,2-Trichloroethane	9.146	97	63221	19.106	ug/l	97
56) Ethyl methacrylate	9.116	69	92772	18.821	ug/l #	85
57) 1,3-Dichloropropane	9.305	76	102234	18.064	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	273536	110.983	ug/l	92
59) 2-Hexanone	9.427	43	276973	85.663	ug/l	92
60) Dibromochloromethane	9.518	129	68931	21.743	ug/l	96
61) 1,2-Dibromoethane	9.610	107	65192	19.112	ug/l	98
64) Tetrachloroethene	9.268	164	54515	16.807	ug/l	99
65) Chlorobenzene	10.079	112	165395	18.046	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.158	131	63712	19.974	ug/l	98
67) Ethyl Benzene	10.189	91	285304	17.975	ug/l	99
68) m/p-Xylenes	10.299	106	225201	37.028	ug/l	94
69) o-Xylene	10.640	106	113365	19.009	ug/l	94
70) Styrene	10.652	104	185317	19.164	ug/l	95
71) Bromoform	10.799	173	51075	23.021	ug/l #	99
73) Isopropylbenzene	10.963	105	288771	17.918	ug/l	99
74) N-amyl acetate	10.841	43	105937	17.491	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	93221	18.636	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	75430m	17.151	ug/l	
77) Bromobenzene	11.195	156	74740	18.656	ug/l	87
78) n-propylbenzene	11.305	91	320769	17.330	ug/l	98
79) 2-Chlorotoluene	11.359	91	197781	17.100	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	247649	18.224	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	28765	21.183	ug/l	89
82) 4-Chlorotoluene	11.451	91	223861	17.232	ug/l	95
83) tert-Butylbenzene	11.713	119	249234	18.279	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	246355	18.042	ug/l	99
85) sec-Butylbenzene	11.890	105	297013	17.759	ug/l	98
86) p-Isopropyltoluene	12.006	119	256970	18.065	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	140762	18.489	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	140417	17.591	ug/l	98
89) n-Butylbenzene	12.329	91	208300	17.347	ug/l	98
90) Hexachloroethane	12.536	117	42771	19.642	ug/l	85
91) 1,2-Dichlorobenzene	12.335	146	139421	18.309	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.938	75	18224	18.168	ug/l	74
93) 1,2,4-Trichlorobenzene	13.585	180	91094	19.032	ug/l	97
94) Hexachlorobutadiene	13.725	225	38337	18.250	ug/l	99
95) Naphthalene	13.774	128	287633	19.520	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	88826	18.435	ug/l	98

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

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