

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041323\
 Data File : VX035042.D
 Acq On : 12 Apr 2023 13:26
 Operator : JC/MD
 Sample : VX0413MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0413MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/13/2023
 Supervised By : Mahesh Dadoda 04/13/2023

Quant Time: Apr 13 02:33:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	266372	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	440663	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	394620	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	196897	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	182458	44.788	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	89.580%		
35) Dibromofluoromethane	5.385	113	136567	46.856	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.720%		
50) Toluene-d8	8.647	98	497968	46.288	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.580%		
62) 4-Bromofluorobenzene	11.079	95	199858	48.007	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.020%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	54240	20.416	ug/l	98
3) Chloromethane	1.295	50	60182	18.092	ug/l	96
4) Vinyl Chloride	1.374	62	60733	18.440	ug/l	96
5) Bromomethane	1.618	94	37422	17.485	ug/l	98
6) Chloroethane	1.691	64	34893	16.283	ug/l	98
7) Trichlorofluoromethane	1.892	101	87461	16.518	ug/l	99
8) Diethyl Ether	2.130	74	35857	19.209	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	54530	19.704	ug/l	98
10) Methyl Iodide	2.453	142	59334	17.216	ug/l	93
11) Tert butyl alcohol	2.995	59	65371m	91.459	ug/l	
12) 1,1-Dichloroethene	2.319	96	52068	19.040	ug/l	91
13) Acrolein	2.239	56	79409	107.926	ug/l	100
14) Allyl chloride	2.666	41	102539	19.140	ug/l	98
15) Acrylonitrile	3.069	53	173960	108.125	ug/l	100
16) Acetone	2.392	43	163052	98.527	ug/l	100
17) Carbon Disulfide	2.514	76	109347	15.966	ug/l	99
18) Methyl Acetate	2.703	43	125441	21.334	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	204124	20.161	ug/l	99
20) Methylene Chloride	2.788	84	63237	19.364	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	56739	19.025	ug/l	95
22) Diisopropyl ether	3.757	45	218891	20.249	ug/l	98
23) Vinyl Acetate	3.721	43	788238	102.243	ug/l	98
24) 1,1-Dichloroethane	3.611	63	114991	19.771	ug/l	97
25) 2-Butanone	4.562	43	246176	102.263	ug/l	99
26) 2,2-Dichloropropane	4.477	77	83682	17.496	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	69350	19.624	ug/l	99
28) Bromochloromethane	4.898	49	61611	21.655	ug/l	99
29) Tetrahydrofuran	5.013	42	154972	102.763	ug/l	100
30) Chloroform	5.093	83	117267	19.851	ug/l	99
31) Cyclohexane	5.471	56	95025	19.156	ug/l	100
32) 1,1,1-Trichloroethane	5.379	97	97143	19.270	ug/l	99
36) 1,1-Dichloropropene	5.696	75	84086	19.473	ug/l	99
37) Ethyl Acetate	4.715	43	92943	20.585	ug/l	98
38) Carbon Tetrachloride	5.678	117	80050	19.663	ug/l	98
39) Methylcyclohexane	7.379	83	88270	19.250	ug/l	94
40) Benzene	6.038	78	249739	20.148	ug/l	99

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41) Methacrylonitrile	4.922	41	53676	21.860	ug/l	98
42) 1,2-Dichloroethane	6.092	62	98467	19.981	ug/l	99
43) Isopropyl Acetate	6.336	43	152637	20.206	ug/l	99
44) Trichloroethene	7.129	130	64848	20.494	ug/l	98
45) 1,2-Dichloropropane	7.428	63	66546	20.602	ug/l	96
46) Dibromomethane	7.586	93	44187	19.882	ug/l	97
47) Bromodichloromethane	7.824	83	81157	19.769	ug/l	99
48) Methyl methacrylate	7.696	41	77962	21.016	ug/l	97
49) 1,4-Dioxane	7.708	88	27236	356.259	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	484107	108.286	ug/l	99
52) Toluene	8.720	92	158945	19.666	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	85755	19.418	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	97850	20.246	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	65645	21.460	ug/l	98
56) Ethyl methacrylate	9.116	69	102041	21.291	ug/l	98
57) 1,3-Dichloropropane	9.311	76	115238	21.272	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	291554	119.475	ug/l	99
59) 2-Hexanone	9.433	43	359487	106.313	ug/l	99
60) Dibromochloromethane	9.519	129	59478	20.412	ug/l	100
61) 1,2-Dibromoethane	9.610	107	66688	20.966	ug/l	99
64) Tetrachloroethene	9.275	164	55327	19.591	ug/l	97
65) Chlorobenzene	10.080	112	170007	20.706	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	58627	20.766	ug/l	100
67) Ethyl Benzene	10.195	91	306846	20.630	ug/l	97
68) m/p-Xylenes	10.299	106	234044	41.193	ug/l	98
69) o-Xylene	10.640	106	114039	20.489	ug/l	98
70) Styrene	10.659	104	192730	21.691	ug/l	98
71) Bromoform	10.799	173	38616	20.110	ug/l #	98
73) Isopropylbenzene	10.964	105	293168	20.327	ug/l	98
74) N-amyl acetate	10.842	43	133775	20.629	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	98594	20.857	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	81886m	20.640	ug/l	
77) Bromobenzene	11.201	156	71734	20.073	ug/l	98
78) n-propylbenzene	11.305	91	339107	20.353	ug/l	100
79) 2-Chlorotoluene	11.366	91	210391	20.000	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	246170	20.414	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	21922	16.560	ug/l #	82
82) 4-Chlorotoluene	11.457	91	248111	20.311	ug/l	99
83) tert-Butylbenzene	11.713	119	235626	20.808	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	249174	20.319	ug/l	99
85) sec-Butylbenzene	11.890	105	283251	20.561	ug/l	99
86) p-Isopropyltoluene	12.012	119	244144	21.253	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	136469	20.969	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	137920	20.290	ug/l	99
89) n-Butylbenzene	12.335	91	209450	20.869	ug/l	99
90) Hexachloroethane	12.536	117	32914	18.493	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	135754	20.827	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	20283	20.557	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	82770	22.452	ug/l	98
94) Hexachlorobutadiene	13.725	225	30043	18.528	ug/l	98
95) Naphthalene	13.774	128	299720	22.880	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	81128	21.822	ug/l	99

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

