

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022323\
 Data File : VX034246.D
 Acq On : 23 Feb 2023 13:50
 Operator : JC/MD
 Sample : VX0223MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0223MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/24/2023
 Supervised By : Mahesh Dadoda 02/24/2023

Quant Time: Feb 23 21:43:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	284303	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	465863	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	417733	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	206203	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	170900	44.634	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	89.260%		
35) Dibromofluoromethane	5.391	113	146033	48.145	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.280%		
50) Toluene-d8	8.647	98	543207	49.880	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.760%		
62) 4-Bromofluorobenzene	11.079	95	199797	47.964	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.920%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	49066	19.972	ug/l	99
3) Chloromethane	1.301	50	69509	19.661	ug/l	95
4) Vinyl Chloride	1.374	62	72004	22.364	ug/l	97
5) Bromomethane	1.605	94	38191	28.456	ug/l	98
6) Chloroethane	1.685	64	41067	25.372	ug/l	99
7) Trichlorofluoromethane	1.892	101	106501	24.450	ug/l	99
8) Diethyl Ether	2.136	74	40219	22.919	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	56877	18.541	ug/l	98
10) Methyl Iodide	2.453	142	57335	15.351	ug/l	94
11) Tert butyl alcohol	2.953	59	82407	96.227	ug/l #	85
12) 1,1-Dichloroethene	2.319	96	56812	18.475	ug/l	95
13) Acrolein	2.239	56	34521	88.307	ug/l	98
14) Allyl chloride	2.666	41	111953	17.163	ug/l	90
15) Acrylonitrile	3.062	53	177453	94.985	ug/l	99
16) Acetone	2.380	43	173744	87.966	ug/l	95
17) Carbon Disulfide	2.514	76	151957	17.188	ug/l	99
18) Methyl Acetate	2.703	43	116398	19.046	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	205196	18.907	ug/l	98
20) Methylene Chloride	2.794	84	67062	18.844	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	61714	19.153	ug/l	98
22) Diisopropyl ether	3.757	45	223894	19.579	ug/l	90
23) Vinyl Acetate	3.721	43	873830	95.375	ug/l	99
24) 1,1-Dichloroethane	3.611	63	118395	18.859	ug/l	99
25) 2-Butanone	4.556	43	261816	91.613	ug/l	99
26) 2,2-Dichloropropane	4.477	77	101783	17.897	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	73742	19.326	ug/l	98
28) Bromochloromethane	4.897	49	52164	18.626	ug/l	89
29) Tetrahydrofuran	5.007	42	164417	94.308	ug/l	99
30) Chloroform	5.093	83	114612	19.012	ug/l	98
31) Cyclohexane	5.471	56	104343	18.253	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	101701	18.820	ug/l	99
36) 1,1-Dichloropropene	5.690	75	84904	18.927	ug/l	99
37) Ethyl Acetate	4.715	43	96957	19.340	ug/l	100
38) Carbon Tetrachloride	5.678	117	87592	18.976	ug/l	98
39) Methylcyclohexane	7.379	83	107271	18.582	ug/l	99
40) Benzene	6.044	78	260113	19.567	ug/l	100

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41) Methacrylonitrile	4.922	41	52597	18.830	ug/l	97
42) 1,2-Dichloroethane	6.086	62	88125	18.848	ug/l	100
43) Isopropyl Acetate	6.336	43	167725	18.959	ug/l	99
44) Trichloroethene	7.129	130	68187	19.988	ug/l	95
45) 1,2-Dichloropropane	7.427	63	69364	19.601	ug/l	98
46) Dibromomethane	7.580	93	45686	19.616	ug/l	88
47) Bromodichloromethane	7.824	83	89409	18.706	ug/l	97
48) Methyl methacrylate	7.690	41	78369	18.664	ug/l	97
49) 1,4-Dioxane	7.659	88	34190	408.218	ug/l #	98
51) 4-Methyl-2-Pentanone	8.574	43	505995	103.957	ug/l	98
52) Toluene	8.720	92	163708	20.324	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	101158	18.387	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	109877	18.655	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	67213	20.673	ug/l	99
56) Ethyl methacrylate	9.116	69	107774	19.595	ug/l	99
57) 1,3-Dichloropropane	9.311	76	113613	20.084	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	240223	100.823	ug/l	96
59) 2-Hexanone	9.427	43	384094	103.545	ug/l	99
60) Dibromochloromethane	9.519	129	72152	20.084	ug/l	98
61) 1,2-Dibromoethane	9.610	107	69491	20.209	ug/l	100
64) Tetrachloroethene	9.275	164	57399	19.469	ug/l	94
65) Chlorobenzene	10.079	112	175817	20.191	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	66229	19.647	ug/l	97
67) Ethyl Benzene	10.195	91	312055	19.948	ug/l	100
68) m/p-Xylenes	10.299	106	242094	40.439	ug/l	99
69) o-Xylene	10.640	106	120895	20.284	ug/l	98
70) Styrene	10.653	104	196030	20.224	ug/l	98
71) Bromoform	10.799	173	52646	19.133	ug/l #	99
73) Isopropylbenzene	10.963	105	308511	19.631	ug/l	100
74) N-amyl acetate	10.842	43	144178	18.261	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	102983	19.159	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	81522m	15.712	ug/l	
77) Bromobenzene	11.195	156	75628	19.998	ug/l	90
78) n-propylbenzene	11.305	91	357040	19.535	ug/l	98
79) 2-Chlorotoluene	11.366	91	212649	18.974	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	256595	19.420	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	32136	15.911	ug/l	93
82) 4-Chlorotoluene	11.457	91	243591	19.083	ug/l	98
83) tert-Butylbenzene	11.713	119	268747	19.860	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	257112	19.246	ug/l	98
85) sec-Butylbenzene	11.890	105	323640	19.694	ug/l	99
86) p-Isopropyltoluene	12.006	119	269263	19.799	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	140769	19.847	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	141373	19.762	ug/l	97
89) n-Butylbenzene	12.329	91	232478	19.192	ug/l	98
90) Hexachloroethane	12.536	117	50948	17.917	ug/l	83
91) 1,2-Dichlorobenzene	12.335	146	141595	20.404	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	20838	16.257	ug/l	85
93) 1,2,4-Trichlorobenzene	13.585	180	85893	19.279	ug/l	98
94) Hexachlorobutadiene	13.725	225	36751	19.898	ug/l	96
95) Naphthalene	13.774	128	286261	19.073	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	87326	19.743	ug/l	98

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

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