

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041223\
 Data File : VX035009.D
 Acq On : 11 Apr 2023 15:11
 Operator : JC/MD
 Sample : VX0412MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/12/2023
 Supervised By : Semsettin Yesilyurt 04/12/2023

Quant Time: Apr 12 05:49:59 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	320865	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	525778	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	468357	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	231187	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	230691	47.011	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.020%		
35) Dibromofluoromethane	5.385	113	172400	49.574	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.140%		
50) Toluene-d8	8.647	98	637054	49.630	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.260%		
62) 4-Bromofluorobenzene	11.079	95	252227	50.778	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.560%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	64776	20.241	ug/l	98
3) Chloromethane	1.295	50	71302	17.795	ug/l	99
4) Vinyl Chloride	1.374	62	71643	18.058	ug/l	98
5) Bromomethane	1.618	94	47193	18.306	ug/l	100
6) Chloroethane	1.691	64	43573	16.881	ug/l	100
7) Trichlorofluoromethane	1.892	101	106052	16.627	ug/l	100
8) Diethyl Ether	2.130	74	43677	19.424	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	67650	20.293	ug/l	99
10) Methyl Iodide	2.453	142	69289	16.690	ug/l	93
11) Tert butyl alcohol	3.020	59	79103	91.876	ug/l #	87
12) 1,1-Dichloroethene	2.319	96	61809	18.764	ug/l	93
13) Acrolein	2.239	56	116259	131.174	ug/l	98
14) Allyl chloride	2.666	41	121122	18.769	ug/l	98
15) Acrylonitrile	3.069	53	194275	100.244	ug/l	100
16) Acetone	2.398	43	203324	101.996	ug/l	96
17) Carbon Disulfide	2.514	76	135633	16.441	ug/l	98
18) Methyl Acetate	2.709	43	145722	20.574	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	244641	20.059	ug/l	96
20) Methylene Chloride	2.788	84	74705	18.991	ug/l	100
21) trans-1,2-Dichloroethene	3.093	96	68756	19.139	ug/l	97
22) Diisopropyl ether	3.757	45	260236	19.985	ug/l	99
23) Vinyl Acetate	3.721	43	929880	100.131	ug/l	98
24) 1,1-Dichloroethane	3.605	63	135000	19.269	ug/l	99
25) 2-Butanone	4.562	43	287672	99.206	ug/l	98
26) 2,2-Dichloropropane	4.477	77	105259	18.269	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	81566	19.161	ug/l	99
28) Bromochloromethane	4.898	49	78768	22.983	ug/l	98
29) Tetrahydrofuran	5.013	42	177530	97.728	ug/l	99
30) Chloroform	5.093	83	137908	19.380	ug/l	98
31) Cyclohexane	5.465	56	118253	19.790	ug/l	92
32) 1,1,1-Trichloroethane	5.379	97	118579	19.527	ug/l	99
36) 1,1-Dichloropropene	5.690	75	100575	19.521	ug/l	99
37) Ethyl Acetate	4.715	43	110771	20.562	ug/l	99
38) Carbon Tetrachloride	5.678	117	97899	20.154	ug/l	99
39) Methylcyclohexane	7.379	83	109148	19.950	ug/l	97
40) Benzene	6.038	78	292241	19.760	ug/l	98

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41) Methacrylonitrile	4.922	41	61997	21.161	ug/l	99
42) 1,2-Dichloroethane	6.086	62	117807	20.035	ug/l	99
43) Isopropyl Acetate	6.342	43	179110	19.873	ug/l	99
44) Trichloroethene	7.123	130	76161	20.173	ug/l	99
45) 1,2-Dichloropropane	7.428	63	77611	20.138	ug/l	100
46) Dibromomethane	7.580	93	52767	19.899	ug/l	98
47) Bromodichloromethane	7.824	83	101715	20.766	ug/l	97
48) Methyl methacrylate	7.690	41	91174	20.599	ug/l	98
49) 1,4-Dioxane	7.726	88	37476	410.847	ug/l	93
51) 4-Methyl-2-Pentanone	8.574	43	556471	104.322	ug/l	100
52) Toluene	8.720	92	186936	19.385	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	106631	20.236	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	118429	20.537	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	75830	20.777	ug/l	96
56) Ethyl methacrylate	9.116	69	118653	20.749	ug/l	97
57) 1,3-Dichloropropane	9.305	76	134026	20.736	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	337257	115.830	ug/l	99
59) 2-Hexanone	9.427	43	420122	104.131	ug/l	99
60) Dibromochloromethane	9.519	129	73011	21.000	ug/l	98
61) 1,2-Dibromoethane	9.610	107	78538	20.694	ug/l	100
64) Tetrachloroethene	9.275	164	67750	20.213	ug/l	95
65) Chlorobenzene	10.080	112	200295	20.554	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	70196	20.949	ug/l	98
67) Ethyl Benzene	10.195	91	359291	20.353	ug/l	98
68) m/p-Xylenes	10.299	106	273488	40.557	ug/l	98
69) o-Xylene	10.640	106	135879	20.569	ug/l	99
70) Styrene	10.653	104	223493	21.193	ug/l	98
71) Bromoform	10.799	173	46529	20.416	ug/l #	100
73) Isopropylbenzene	10.964	105	349826	20.658	ug/l	99
74) N-amyl acetate	10.842	43	151406	19.885	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	115718	20.849	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	95671m	20.538	ug/l	
77) Bromobenzene	11.195	156	83612	19.926	ug/l	99
78) n-propylbenzene	11.305	91	396893	20.288	ug/l	99
79) 2-Chlorotoluene	11.366	91	247254	20.018	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	297092	20.982	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	27069	17.415	ug/l #	86
82) 4-Chlorotoluene	11.451	91	288290	20.099	ug/l	100
83) tert-Butylbenzene	11.713	119	277669	20.884	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	294965	20.485	ug/l	99
85) sec-Butylbenzene	11.890	105	339329	20.978	ug/l	100
86) p-Isopropyltoluene	12.006	119	288662	21.402	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	158843	20.786	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	158138	19.814	ug/l	98
89) n-Butylbenzene	12.335	91	243722	20.682	ug/l	99
90) Hexachloroethane	12.536	117	42587	20.379	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	156087	20.395	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	23188	20.015	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	94693	21.876	ug/l	99
94) Hexachlorobutadiene	13.725	225	38890	20.427	ug/l	99
95) Naphthalene	13.774	128	327071	21.265	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	94666	21.687	ug/l	99

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

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