

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080223\
 Data File : VX036774.D
 Acq On : 02 Aug 2023 16:41
 Operator : JC/MD
 Sample : VX0802MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0802MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/03/2023
 Supervised By : Semsettin Yesilyurt 08/03/2023

Quant Time: Aug 03 07:29:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	118340	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	206593	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	188423	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	92474	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	94738	54.105	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.200%			
35) Dibromofluoromethane	5.385	113	78356	55.180	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.360%			
50) Toluene-d8	8.647	98	267948	53.210	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 106.420%			
62) 4-Bromofluorobenzene	11.079	95	104470	54.988	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.980%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	27459	17.565	ug/l	99
3) Chloromethane	1.300	50	26165	18.401	ug/l	97
4) Vinyl Chloride	1.374	62	27476	18.979	ug/l	97
5) Bromomethane	1.599	94	14449	16.718	ug/l	99
6) Chloroethane	1.678	64	18130	25.759	ug/l	100
7) Trichlorofluoromethane	1.886	101	49198	22.007	ug/l	98
8) Diethyl Ether	2.136	74	18134	20.966	ug/l	78
9) 1,1,2-Trichlorotrifluo...	2.331	101	27829	20.719	ug/l	99
10) Methyl Iodide	2.453	142	27139	19.454	ug/l	93
11) Tert butyl alcohol	2.965	59	57155	137.875	ug/l #	94
12) 1,1-Dichloroethene	2.319	96	25914	19.556	ug/l	88
13) Acrolein	2.233	56	23085	97.578	ug/l	98
14) Allyl chloride	2.660	41	48498	18.586	ug/l	95
15) Acrylonitrile	3.062	53	93086	111.659	ug/l	99
16) Acetone	2.380	43	81389	112.013	ug/l	91
17) Carbon Disulfide	2.514	76	62197	17.007	ug/l	99
18) Methyl Acetate	2.703	43	67895	22.212	ug/l	94
19) Methyl tert-butyl Ether	3.117	73	107642	21.617	ug/l	99
20) Methylene Chloride	2.788	84	33710	20.861	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	29337	19.809	ug/l	88
22) Diisopropyl ether	3.770	45	100189	20.222	ug/l #	81
23) Vinyl Acetate	3.721	43	391337	102.973	ug/l #	94
24) 1,1-Dichloroethane	3.611	63	57197	20.591	ug/l	99
25) 2-Butanone	4.556	43	132785	112.637	ug/l	91
26) 2,2-Dichloropropane	4.477	77	46068	17.601	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	35952	20.438	ug/l	93
28) Bromochloromethane	4.897	49	25350	18.870	ug/l	89
29) Tetrahydrofuran	5.007	42	84041	110.574	ug/l	91
30) Chloroform	5.099	83	60427	21.263	ug/l	94
31) Cyclohexane	5.470	56	45255	18.666	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	54523	20.938	ug/l	98
36) 1,1-Dichloropropene	5.696	75	42233	19.954	ug/l	99
37) Ethyl Acetate	4.714	43	50415	21.045	ug/l	97
38) Carbon Tetrachloride	5.678	117	45900	20.399	ug/l	99
39) Methylcyclohexane	7.379	83	48846	18.560	ug/l	92
40) Benzene	6.037	78	123894	20.120	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	26814	20.928	ug/l	91
42) 1,2-Dichloroethane	6.086	62	48960	21.746	ug/l	96
43) Isopropyl Acetate	6.342	43	84445	20.478	ug/l	95
44) Trichloroethene	7.129	130	33184	20.616	ug/l	98
45) 1,2-Dichloropropane	7.427	63	33673	20.481	ug/l	99
46) Dibromomethane	7.580	93	24429	21.231	ug/l	96
47) Bromodichloromethane	7.824	83	49398	20.915	ug/l	98
48) Methyl methacrylate	7.696	41	39803	20.755	ug/l	90
49) 1,4-Dioxane	7.659	88	20559	530.673	ug/l #	90
51) 4-Methyl-2-Pentanone	8.574	43	259379	113.663	ug/l	96
52) Toluene	8.720	92	80999	20.993	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	52196	19.553	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	54444	19.328	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	34951	21.549	ug/l	98
56) Ethyl methacrylate	9.116	69	56248	21.297	ug/l	95
57) 1,3-Dichloropropane	9.311	76	59027	21.850	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	139940	107.535	ug/l	96
59) 2-Hexanone	9.433	43	198653	117.295	ug/l	94
60) Dibromochloromethane	9.518	129	38447	21.567	ug/l	99
61) 1,2-Dibromoethane	9.610	107	36802	21.893	ug/l	99
64) Tetrachloroethene	9.275	164	28856	20.532	ug/l	98
65) Chlorobenzene	10.079	112	88086	21.208	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	33947	21.146	ug/l	98
67) Ethyl Benzene	10.195	91	156215	20.589	ug/l	100
68) m/p-Xylenes	10.299	106	118760	41.950	ug/l	98
69) o-Xylene	10.640	106	60018	21.239	ug/l	98
70) Styrene	10.659	104	98188	21.060	ug/l	98
71) Bromoform	10.799	173	26925	20.719	ug/l #	98
73) Isopropylbenzene	10.963	105	154937	20.245	ug/l	98
74) N-amyl acetate	10.841	43	72036	20.185	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	57302	22.169	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	46310m	21.291	ug/l	
77) Bromobenzene	11.195	156	37001	21.230	ug/l	95
78) n-propylbenzene	11.305	91	177566	20.062	ug/l	99
79) 2-Chlorotoluene	11.366	91	108386	20.209	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	130120	20.324	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	16971	17.685	ug/l	90
82) 4-Chlorotoluene	11.457	91	121735	19.921	ug/l	98
83) tert-Butylbenzene	11.713	119	133904	21.290	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	130876	20.440	ug/l	97
85) sec-Butylbenzene	11.890	105	161549	20.596	ug/l	99
86) p-Isopropyltoluene	12.006	119	131132	20.317	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	67357	20.867	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	68257	21.307	ug/l	100
89) n-Butylbenzene	12.335	91	114325	19.787	ug/l	99
90) Hexachloroethane	12.536	117	25184	19.247	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	68864	22.107	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	13114	21.833	ug/l	89
93) 1,2,4-Trichlorobenzene	13.585	180	41586	21.669	ug/l	96
94) Hexachlorobutadiene	13.725	225	16146	20.336	ug/l	98
95) Naphthalene	13.774	128	151981	22.725	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	42157	22.287	ug/l	99

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

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