

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080223\
 Data File : VX036773.D
 Acq On : 02 Aug 2023 16:17
 Operator : JC/MD
 Sample : VX0802MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 14 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 07:29:21 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	126097	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	219577	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	195113	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96419	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	99654	53.411	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.820%			
35) Dibromofluoromethane	5.385	113	83196	55.124	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.240%			
50) Toluene-d8	8.647	98	285350	53.315	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 106.640%			
62) 4-Bromofluorobenzene	11.079	95	107267	53.122	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.240%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	29153	17.501	ug/l	96
3) Chloromethane	1.301	50	26433	17.446	ug/l	96
4) Vinyl Chloride	1.374	62	29593	19.184	ug/l	99
5) Bromomethane	1.599	94	15029	16.319	ug/l	99
6) Chloroethane	1.679	64	18518	24.692	ug/l	91
7) Trichlorofluoromethane	1.886	101	52551	22.060	ug/l	99
8) Diethyl Ether	2.136	74	19478	21.135	ug/l	77
9) 1,1,2-Trichlorotrifluo...	2.325	101	29515	20.623	ug/l	97
10) Methyl Iodide	2.453	142	27334	18.388	ug/l	92
11) Tert butyl alcohol	2.965	59	57692	130.609	ug/l #	94
12) 1,1-Dichloroethene	2.319	96	28236	19.997	ug/l	82
13) Acrolein	2.239	56	23813	94.464	ug/l	99
14) Allyl chloride	2.660	41	51285	18.445	ug/l	95
15) Acrylonitrile	3.062	53	98518	110.905	ug/l	97
16) Acetone	2.380	43	83844	108.293	ug/l	93
17) Carbon Disulfide	2.508	76	64561	16.567	ug/l	99
18) Methyl Acetate	2.703	43	70616	21.681	ug/l	93
19) Methyl tert-butyl Ether	3.117	73	113791	21.446	ug/l	99
20) Methylene Chloride	2.788	84	35666	20.714	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	30512	19.335	ug/l	89
22) Diisopropyl ether	3.764	45	106882	20.246	ug/l	90
23) Vinyl Acetate	3.721	43	416268	102.795	ug/l	95
24) 1,1-Dichloroethane	3.611	63	60884	20.570	ug/l	97
25) 2-Butanone	4.556	43	138281	110.083	ug/l	94
26) 2,2-Dichloropropane	4.483	77	50589	18.139	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	39637	21.147	ug/l	91
28) Bromochloromethane	4.897	49	27200	19.001	ug/l	90
29) Tetrahydrofuran	5.007	42	87974	108.628	ug/l	91
30) Chloroform	5.099	83	65590	21.660	ug/l	99
31) Cyclohexane	5.471	56	47208	18.274	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	57590	20.756	ug/l	99
36) 1,1-Dichloropropene	5.696	75	44292	19.689	ug/l	97
37) Ethyl Acetate	4.721	43	53391	20.970	ug/l	97
38) Carbon Tetrachloride	5.678	117	48545	20.298	ug/l	98
39) Methylcyclohexane	7.379	83	51548	18.428	ug/l	94
40) Benzene	6.037	78	132695	20.275	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	28719	21.089	ug/l	91
42) 1,2-Dichloroethane	6.086	62	51107	21.358	ug/l	96
43) Isopropyl Acetate	6.342	43	88418	20.174	ug/l	97
44) Trichloroethene	7.129	130	35023	20.472	ug/l	96
45) 1,2-Dichloropropane	7.434	63	35835	20.507	ug/l	99
46) Dibromomethane	7.580	93	25712	21.024	ug/l	96
47) Bromodichloromethane	7.824	83	52206	20.797	ug/l	98
48) Methyl methacrylate	7.696	41	40604	19.921	ug/l	89
49) 1,4-Dioxane	7.659	88	20065	487.296	ug/l #	90
51) 4-Methyl-2-Pentanone	8.574	43	268433	110.675	ug/l	96
52) Toluene	8.720	92	83971	20.476	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	55087	19.415	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	58460	19.526	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	36493	21.169	ug/l	95
56) Ethyl methacrylate	9.116	69	58739	20.925	ug/l	94
57) 1,3-Dichloropropane	9.311	76	62454	21.752	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	148798	107.581	ug/l	97
59) 2-Hexanone	9.433	43	203878	113.262	ug/l	95
60) Dibromochloromethane	9.519	129	39865	21.040	ug/l	98
61) 1,2-Dibromoethane	9.610	107	38802	21.718	ug/l	99
64) Tetrachloroethene	9.275	164	29134	20.019	ug/l	97
65) Chlorobenzene	10.079	112	91633	21.306	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	35728	21.493	ug/l	99
67) Ethyl Benzene	10.195	91	163290	20.783	ug/l	100
68) m/p-Xylenes	10.299	106	124173	42.359	ug/l	97
69) o-Xylene	10.640	106	61236	20.927	ug/l	99
70) Styrene	10.653	104	101475	21.019	ug/l	98
71) Bromoform	10.799	173	28131	20.905	ug/l #	99
73) Isopropylbenzene	10.963	105	162506	20.365	ug/l	99
74) N-amyl acetate	10.841	43	73895	19.859	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	57629	21.383	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	47100m	20.768	ug/l	
77) Bromobenzene	11.201	156	38077	20.954	ug/l	95
78) n-propylbenzene	11.305	91	185166	20.065	ug/l	100
79) 2-Chlorotoluene	11.366	91	112595	20.135	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	135468	20.293	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	17881	17.871	ug/l	87
82) 4-Chlorotoluene	11.451	91	127985	20.087	ug/l	97
83) tert-Butylbenzene	11.713	119	136736	20.850	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	135833	20.346	ug/l	98
85) sec-Butylbenzene	11.890	105	167090	20.431	ug/l	99
86) p-Isopropyltoluene	12.006	119	137187	20.386	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	69426	20.628	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	71528	21.415	ug/l	100
89) n-Butylbenzene	12.329	91	118711	19.706	ug/l	99
90) Hexachloroethane	12.536	117	26526	19.443	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	69955	21.539	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	12824	20.476	ug/l	84
93) 1,2,4-Trichlorobenzene	13.585	180	41380	20.679	ug/l	98
94) Hexachlorobutadiene	13.725	225	16542	19.982	ug/l	97
95) Naphthalene	13.774	128	152587	21.882	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	41677	21.132	ug/l	97

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

