

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080123\
 Data File : VX036755.D
 Acq On : 01 Aug 2023 17:51
 Operator : JC/MD
 Sample : VX0801MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0801MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/02/2023
 Supervised By : Mahesh Dadoda 08/02/2023

Quant Time: Aug 02 06:26:27 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	130302	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	229194	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	209092	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	103214	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	94478	49.003	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.000%		
35) Dibromofluoromethane	5.385	113	77551	49.228	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.460%		
50) Toluene-d8	8.647	98	268787	48.113	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.220%		
62) 4-Bromofluorobenzene	11.079	95	104730	49.689	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.380%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	29424	17.094	ug/l	98
3) Chloromethane	1.301	50	26652	17.023	ug/l	94
4) Vinyl Chloride	1.374	62	29314	18.390	ug/l	97
5) Bromomethane	1.599	94	14683	15.429	ug/l	99
6) Chloroethane	1.679	64	18994	24.509	ug/l	98
7) Trichlorofluoromethane	1.886	101	51963	21.110	ug/l	99
8) Diethyl Ether	2.136	74	19344	20.312	ug/l	76
9) 1,1,2-Trichlorotrifluo...	2.325	101	28668	19.385	ug/l	98
10) Methyl Iodide	2.453	142	26611	17.324	ug/l	91
11) Tert butyl alcohol	2.965	59	56407	123.579	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	27132	18.595	ug/l	82
13) Acrolein	2.239	56	25150	96.548	ug/l	99
14) Allyl chloride	2.666	41	49495	17.227	ug/l	95
15) Acrylonitrile	3.069	53	99037	107.892	ug/l	99
16) Acetone	2.380	43	85431	106.782	ug/l	91
17) Carbon Disulfide	2.508	76	65938	16.374	ug/l	99
18) Methyl Acetate	2.703	43	71047	21.109	ug/l	94
19) Methyl tert-butyl Ether	3.117	73	112241	20.471	ug/l	95
20) Methylene Chloride	2.788	84	34378	19.321	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	29858	18.310	ug/l	91
22) Diisopropyl ether	3.764	45	105879	19.409	ug/l	88
23) Vinyl Acetate	3.721	43	410386	98.072	ug/l	96
24) 1,1-Dichloroethane	3.611	63	59816	19.557	ug/l	98
25) 2-Butanone	4.556	43	139122	107.179	ug/l	91
26) 2,2-Dichloropropane	4.471	77	46597	16.169	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	37842	19.538	ug/l	92
28) Bromochloromethane	4.897	49	30905	20.893	ug/l	91
29) Tetrahydrofuran	5.007	42	88421	105.657	ug/l	91
30) Chloroform	5.093	83	62498	19.973	ug/l	98
31) Cyclohexane	5.471	56	46657	17.478	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	55692	19.424	ug/l	98
36) 1,1-Dichloropropene	5.690	75	42047	17.907	ug/l	97
37) Ethyl Acetate	4.715	43	53858	20.265	ug/l	98
38) Carbon Tetrachloride	5.678	117	47506	19.030	ug/l	100
39) Methylcyclohexane	7.379	83	50702	17.365	ug/l	94
40) Benzene	6.044	78	130542	19.109	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	28675	20.174	ug/l	92
42) 1,2-Dichloroethane	6.086	62	49815	19.944	ug/l	96
43) Isopropyl Acetate	6.342	43	87656	19.161	ug/l	95
44) Trichloroethene	7.129	130	33238	18.614	ug/l	98
45) 1,2-Dichloropropane	7.434	63	34250	18.778	ug/l	96
46) Dibromomethane	7.580	93	25507	19.982	ug/l	96
47) Bromodichloromethane	7.824	83	50687	19.344	ug/l	95
48) Methyl methacrylate	7.696	41	41108	19.322	ug/l	91
49) 1,4-Dioxane	7.665	88	20668	480.879	ug/l #	92
51) 4-Methyl-2-Pentanone	8.574	43	272570	107.665	ug/l	96
52) Toluene	8.720	92	82800	19.343	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	53792	18.164	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	57569	18.422	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	36443	20.253	ug/l	97
56) Ethyl methacrylate	9.116	69	58257	19.883	ug/l	94
57) 1,3-Dichloropropane	9.311	76	61369	20.477	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	140368	97.227	ug/l	97
59) 2-Hexanone	9.433	43	209836	111.680	ug/l	94
60) Dibromochloromethane	9.519	129	39424	19.934	ug/l	100
61) 1,2-Dibromoethane	9.610	107	38198	20.483	ug/l	99
64) Tetrachloroethene	9.275	164	28826	18.483	ug/l	98
65) Chlorobenzene	10.079	112	90779	19.696	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	35386	19.864	ug/l	99
67) Ethyl Benzene	10.195	91	161014	19.123	ug/l	98
68) m/p-Xylenes	10.299	106	123772	39.399	ug/l	98
69) o-Xylene	10.640	106	61679	19.670	ug/l	98
70) Styrene	10.659	104	102080	19.731	ug/l	97
71) Bromoform	10.799	173	28499	19.763	ug/l #	99
73) Isopropylbenzene	10.963	105	160533	18.794	ug/l	99
74) N-amyl acetate	10.842	43	73670	18.495	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	58274	20.199	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	54675m	22.521	ug/l	
77) Bromobenzene	11.201	156	37324	19.187	ug/l	95
78) n-propylbenzene	11.305	91	184797	18.707	ug/l	100
79) 2-Chlorotoluene	11.366	91	112836	18.850	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	135590	18.974	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	17512	16.350	ug/l	90
82) 4-Chlorotoluene	11.451	91	127323	18.667	ug/l	97
83) tert-Butylbenzene	11.713	119	134587	19.172	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	135297	18.932	ug/l	97
85) sec-Butylbenzene	11.890	105	169058	19.310	ug/l	99
86) p-Isopropyltoluene	12.006	119	139366	19.346	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	70660	19.612	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	70704	19.774	ug/l	100
89) n-Butylbenzene	12.335	91	118156	18.322	ug/l	99
90) Hexachloroethane	12.536	117	25831	17.688	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	70250	20.206	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	13721	20.466	ug/l	91
93) 1,2,4-Trichlorobenzene	13.585	180	42465	19.825	ug/l	97
94) Hexachlorobutadiene	13.725	225	16972	19.152	ug/l	97
95) Naphthalene	13.774	128	156140	20.918	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	43084	20.407	ug/l	100

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

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