

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080122\
 Data File : VX030316.D
 Acq On : 01 Aug 2022 12:42
 Operator : JC/MD
 Sample : VX0801MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0801MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/02/2022
 Supervised By : Mahesh Dadoda 08/02/2022

Quant Time: Aug 02 01:50:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 25 16:49:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	132185	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.763	114	222334	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	232193	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	138812	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	146167	55.015	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.040%
35) Dibromofluoromethane	5.385	113	117245	55.164	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	110.320%
50) Toluene-d8	8.653	98	425079	51.644	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.280%
62) 4-Bromofluorobenzene	11.079	95	163539	53.537	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.080%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	41770	19.258	ug/l	99
3) Chloromethane	1.288	50	35675	16.632	ug/l	96
4) Vinyl Chloride	1.374	62	37777	17.450	ug/l	100
5) Bromomethane	1.605	94	12664	12.341	ug/l	97
6) Chloroethane	1.685	64	25415	20.446	ug/l	90
7) Trichlorofluoromethane	1.886	101	55409	19.427	ug/l	99
8) Diethyl Ether	2.136	74	22426	20.079	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.325	101	42340	20.042	ug/l	99
10) Methyl Iodide	2.453	142	18535	10.253	ug/l	95
11) Tert butyl alcohol	2.971	59	80400	124.059	ug/l	99
12) 1,1-Dichloroethene	2.319	96	39666	19.209	ug/l	94
13) Acrolein	2.239	56	9254	58.096	ug/l	96
14) Allyl chloride	2.660	41	84141	19.746	ug/l	97
15) Acrylonitrile	3.068	53	167073	104.320	ug/l	97
16) Acetone	2.386	43	143789	105.709	ug/l	97
17) Carbon Disulfide	2.508	76	94222	16.904	ug/l	97
18) Methyl Acetate	2.703	43	86653	21.538	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	152872	21.613	ug/l	96
20) Methylene Chloride	2.788	84	49358	19.630	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	42729	18.747	ug/l	92
22) Diisopropyl ether	3.763	45	172191	21.358	ug/l	94
23) Vinyl Acetate	3.721	43	749433	107.161	ug/l	97
24) 1,1-Dichloroethane	3.611	63	86255	20.134	ug/l	99
25) 2-Butanone	4.562	43	240921	105.400	ug/l	96
26) 2,2-Dichloropropane	4.477	77	62400	20.143	ug/l	95
27) cis-1,2-Dichloroethene	4.495	96	52458	19.572	ug/l	93
28) Bromochloromethane	4.904	49	38566	21.309	ug/l	92
29) Tetrahydrofuran	5.007	42	157629	102.493	ug/l	95
30) Chloroform	5.093	83	87226	20.564	ug/l	96
31) Cyclohexane	5.477	56	73325	19.008	ug/l	91
32) 1,1,1-Trichloroethane	5.385	97	70063	20.321	ug/l	99
36) 1,1-Dichloropropene	5.696	75	61013	19.947	ug/l	96
37) Ethyl Acetate	4.715	43	89194	20.592	ug/l	98
38) Carbon Tetrachloride	5.678	117	57595	20.170	ug/l	98
39) Methylcyclohexane	7.385	83	73404	18.592	ug/l	94
40) Benzene	6.037	78	192795	20.034	ug/l	97

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41) Methacrylonitrile	4.922	41	49217	21.197	ug/l	96
42) 1,2-Dichloroethane	6.086	62	69255	20.826	ug/l	96
43) Isopropyl Acetate	6.342	43	136763	21.539	ug/l	96
44) Trichloroethene	7.129	130	49096	18.671	ug/l	94
45) 1,2-Dichloropropane	7.427	63	53474	20.833	ug/l	98
46) Dibromomethane	7.586	93	35990	20.618	ug/l	94
47) Bromodichloromethane	7.824	83	66311	20.897	ug/l	96
48) Methyl methacrylate	7.690	41	66259	21.200	ug/l	95
49) 1,4-Dioxane	7.671	88	28567	395.748	ug/l	93
51) 4-Methyl-2-Pentanone	8.574	43	461960	107.165	ug/l	97
52) Toluene	8.720	92	116127	19.778	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	71988	21.046	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	77862	20.889	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	52254	20.903	ug/l	98
56) Ethyl methacrylate	9.116	69	84106	21.282	ug/l	94
57) 1,3-Dichloropropane	9.311	76	86059	20.855	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	225674	115.063	ug/l	96
59) 2-Hexanone	9.433	43	359536	105.717	ug/l	97
60) Dibromochloromethane	9.525	129	49462	21.374	ug/l	99
61) 1,2-Dibromoethane	9.610	107	52918	20.273	ug/l	98
64) Tetrachloroethene	9.275	164	45783	18.315	ug/l	99
65) Chlorobenzene	10.079	112	122772	19.465	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	44065	20.551	ug/l	97
67) Ethyl Benzene	10.195	91	223268	23.220	ug/l	98
68) m/p-Xylenes	10.305	106	169717	39.721	ug/l	95
69) o-Xylene	10.646	106	85185	20.228	ug/l	96
70) Styrene	10.659	104	141839	20.501	ug/l	97
71) Bromoform	10.799	173	33115	21.008	ug/l #	98
73) Isopropylbenzene	10.963	105	218986	20.208	ug/l	99
74) N-amyl acetate	10.841	43	111207	21.115	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	83145	20.962	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	77158m	21.087	ug/l	
77) Bromobenzene	11.201	156	50362	19.801	ug/l	93
78) n-propylbenzene	11.305	91	264198	20.427	ug/l	98
79) 2-Chlorotoluene	11.366	91	158238	19.374	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	185483	20.441	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	23822	19.531	ug/l	90
82) 4-Chlorotoluene	11.457	91	180174	20.190	ug/l	98
83) tert-Butylbenzene	11.719	119	174627	20.763	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	188246	20.794	ug/l	97
85) sec-Butylbenzene	11.890	105	232753	20.219	ug/l	100
86) p-Isopropyltoluene	12.012	119	186580	20.259	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	95064	19.218	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	96441	19.152	ug/l	98
89) n-Butylbenzene	12.335	91	176214	20.551	ug/l	99
90) Hexachloroethane	12.542	117	31855	20.089	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	97472	20.076	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22066	23.195	ug/l	84
93) 1,2,4-Trichlorobenzene	13.591	180	60587	21.518	ug/l	97
94) Hexachlorobutadiene	13.725	225	23372	20.673	ug/l	100
95) Naphthalene	13.780	128	242936	22.089	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	61620	21.339	ug/l	98

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

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