

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012022\
 Data File : VX026531.D
 Acq On : 20 Jan 2022 17:22
 Operator : JC/MD
 Sample : VX0120MBS01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0120MBS01

Quant Time: Jan 21 04:04:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/21/2022
 Supervised By : Mahesh Dadoda 01/21/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	110567	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	176514	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	153061	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	71550	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	72554	46.975	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.940%		
35) Dibromofluoromethane	5.391	113	56324	49.413	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.820%		
50) Toluene-d8	8.653	98	204791	49.856	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.720%		
62) 4-Bromofluorobenzene	11.079	95	75570	51.789	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.580%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	22774	17.443	ug/l	99
3) Chloromethane	1.294	50	21263	17.765	ug/l	99
4) Vinyl Chloride	1.374	62	22833	18.170	ug/l	98
5) Bromomethane	1.618	94	10805	18.639	ug/l	99
6) Chloroethane	1.691	64	13721	21.593	ug/l	95
7) Trichlorofluoromethane	1.892	101	35133	17.708	ug/l	98
8) Diethyl Ether	2.136	74	13038	18.571	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.337	101	23613	19.530	ug/l	98
10) Methyl Iodide	2.459	142	26873	23.256	ug/l	98
11) Tert butyl alcohol	2.977	59	22894	106.552	ug/l	95
12) 1,1-Dichloroethene	2.325	96	21502	18.621	ug/l	93
13) Acrolein	2.239	56	19564	85.689	ug/l	99
14) Allyl chloride	2.672	41	39945	18.811	ug/l	97
15) Acrylonitrile	3.069	53	67445	101.972	ug/l	100
16) Acetone	2.386	43	76074	96.583	ug/l	96
17) Carbon Disulfide	2.514	76	57059	16.925	ug/l	98
18) Methyl Acetate	2.709	43	30874	19.717	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	78394	18.710	ug/l	100
20) Methylene Chloride	2.794	84	23716	18.224	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	23143	18.513	ug/l	100
22) Diisopropyl ether	3.764	45	82593	19.148	ug/l	95
23) Vinyl Acetate	3.727	43	345460	97.294	ug/l	99
24) 1,1-Dichloroethane	3.611	63	44330	19.029	ug/l	98
25) 2-Butanone	4.562	43	103997	101.528	ug/l	100
26) 2,2-Dichloropropane	4.477	77	32110	18.595	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	27153	19.032	ug/l	100
28) Bromochloromethane	4.904	49	20224	21.143	ug/l	97
29) Tetrahydrofuran	5.007	42	62271	102.358	ug/l	100
30) Chloroform	5.093	83	47413	19.588	ug/l	96
31) Cyclohexane	5.477	56	41115	18.048	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	40768	19.148	ug/l	100
36) 1,1-Dichloropropene	5.696	75	34084	18.941	ug/l	99
37) Ethyl Acetate	4.715	43	37644	20.680	ug/l	99
38) Carbon Tetrachloride	5.684	117	36001	19.450	ug/l	95
39) Methylcyclohexane	7.385	83	41609	19.170	ug/l	99
40) Benzene	6.044	78	96577	19.418	ug/l	98

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41) Methacrylonitrile	4.922	41	21000	20.366	ug/l	99
42) 1,2-Dichloroethane	6.086	62	36977	19.002	ug/l	99
43) Isopropyl Acetate	6.342	43	59398	20.201	ug/l	100
44) Trichloroethene	7.129	130	27444	19.446	ug/l	98
45) 1,2-Dichloropropane	7.428	63	24844	20.011	ug/l	96
46) Dibromomethane	7.586	93	17091	19.529	ug/l	99
47) Bromodichloromethane	7.824	83	35321	19.974	ug/l	98
48) Methyl methacrylate	7.696	41	29559	20.285	ug/l	99
49) 1,4-Dioxane	7.677	88	10612	443.765	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	188973	108.353	ug/l	99
52) Toluene	8.720	92	60269	19.760	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	32542	18.447	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	37215	19.594	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	23885	20.067	ug/l	99
56) Ethyl methacrylate	9.116	69	37404	20.506	ug/l	99
57) 1,3-Dichloropropane	9.311	76	42007	20.357	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	101003	105.601	ug/l	99
59) 2-Hexanone	9.433	43	147755	110.691	ug/l	100
60) Dibromochloromethane	9.525	129	25027	20.178	ug/l	100
61) 1,2-Dibromoethane	9.610	107	25025	20.177	ug/l	99
64) Tetrachloroethene	9.275	164	28890	19.981	ug/l	96
65) Chlorobenzene	10.079	112	62651	19.437	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	23188	19.361	ug/l	100
67) Ethyl Benzene	10.195	91	114008	19.464	ug/l	99
68) m/p-Xylenes	10.305	106	86823	39.609	ug/l	100
69) o-Xylene	10.640	106	42113	19.910	ug/l	100
70) Styrene	10.659	104	70078	20.304	ug/l	99
71) Bromoform	10.799	173	16546	19.486	ug/l #	99
73) Isopropylbenzene	10.963	105	111993	19.096	ug/l	99
74) N-amyl acetate	10.842	43	45361	20.034	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	31440	19.972	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	32635m	20.716	ug/l	
77) Bromobenzene	11.201	156	25973	19.331	ug/l	98
78) n-propylbenzene	11.305	91	130278	19.479	ug/l	100
79) 2-Chlorotoluene	11.366	91	78475	19.350	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	94933	19.634	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	8815	20.868	ug/l	98
82) 4-Chlorotoluene	11.457	91	89028	19.100	ug/l	98
83) tert-Butylbenzene	11.713	119	89350	19.795	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	93806	19.397	ug/l	99
85) sec-Butylbenzene	11.890	105	115701	19.817	ug/l	99
86) p-Isopropyltoluene	12.012	119	97539	19.913	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	48296	19.177	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	48980	19.215	ug/l	97
89) n-Butylbenzene	12.335	91	83945	19.970	ug/l	100
90) Hexachloroethane	12.542	117	14506	19.151	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	47903	20.128	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7602	19.981	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	30263	19.834	ug/l	99
94) Hexachlorobutadiene	13.725	225	13087	20.318	ug/l	99
95) Naphthalene	13.780	128	104129	20.459	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	30723	20.474	ug/l	99

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

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