

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112321\
 Data File : VX025294.D
 Acq On : 23 Nov 2021 23:14
 Operator : JC/MD
 Sample : VX1123MBS02
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1123MBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/24/2021
 Supervised By : Mahesh Dadoda 11/24/2021

Quant Time: Nov 24 03:17:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	97516	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	159303	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	147213	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	72582	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	55801	54.287	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.580%			
35) Dibromofluoromethane	5.391	113	50909	52.085	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.160%			
50) Toluene-d8	8.653	98	183874	50.034	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.060%			
62) 4-Bromofluorobenzene	11.079	95	68280	49.112	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.220%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	17594	20.814	ug/l	97
3) Chloromethane	1.294	50	20802	19.875	ug/l	98
4) Vinyl Chloride	1.374	62	21972	19.120	ug/l	99
5) Bromomethane	1.599	94	13597	27.522	ug/l	100
6) Chloroethane	1.684	64	15336	19.342	ug/l	100
7) Trichlorofluoromethane	1.886	101	32019	18.773	ug/l	100
8) Diethyl Ether	2.136	74	14518	20.625	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	17282	19.043	ug/l	97
10) Methyl Iodide	2.453	142	24606	21.685	ug/l	92
11) Tert butyl alcohol	2.965	59	26410	98.450	ug/l	98
12) 1,1-Dichloroethene	2.318	96	17494	19.356	ug/l	90
13) Acrolein	2.233	56	3921	83.267	ug/l	99
14) Allyl chloride	2.666	41	31100	19.013	ug/l	96
15) Acrylonitrile	3.062	53	58562	106.170	ug/l	98
16) Acetone	2.379	43	50298	88.064	ug/l	97
17) Carbon Disulfide	2.514	76	44066	17.332	ug/l	98
18) Methyl Acetate	2.703	43	37438	20.516	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	66599	21.148	ug/l	100
20) Methylene Chloride	2.794	84	21766	20.273	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	20021	20.220	ug/l	89
22) Diisopropyl ether	3.763	45	65545	21.041	ug/l	99
23) Vinyl Acetate	3.727	43	259084	103.541	ug/l	96
24) 1,1-Dichloroethane	3.611	63	35888	21.084	ug/l	97
25) 2-Butanone	4.556	43	81842	99.110	ug/l	98
26) 2,2-Dichloropropane	4.477	77	28320	18.352	ug/l	94
27) cis-1,2-Dichloroethene	4.495	96	24221	20.948	ug/l	90
28) Bromochloromethane	4.897	49	17200	21.671	ug/l	89
29) Tetrahydrofuran	5.007	42	52326	102.340	ug/l	97
30) Chloroform	5.098	83	37961	21.430	ug/l	100
31) Cyclohexane	5.476	56	28966	18.236	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	32600	20.102	ug/l	97
36) 1,1-Dichloropropene	5.696	75	25557	18.388	ug/l	96
37) Ethyl Acetate	4.714	43	31594	19.980	ug/l	98
38) Carbon Tetrachloride	5.684	117	28456	18.589	ug/l	97
39) Methylcyclohexane	7.385	83	29551	16.576	ug/l	96
40) Benzene	6.043	78	83121	19.742	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	16840	19.187	ug/l	96
42) 1,2-Dichloroethane	6.092	62	29262	21.360	ug/l	94
43) Isopropyl Acetate	6.342	43	51103	19.419	ug/l	98
44) Trichloroethene	7.129	130	23806	19.464	ug/l	98
45) 1,2-Dichloropropane	7.433	63	21123	20.427	ug/l	99
46) Dibromomethane	7.586	93	15289	20.367	ug/l	92
47) Bromodichloromethane	7.824	83	29434	19.952	ug/l	99
48) Methyl methacrylate	7.696	41	23683	19.175	ug/l	96
49) 1,4-Dioxane	7.659	88	10320	395.676	ug/l	94
51) 4-Methyl-2-Pentanone	8.573	43	162852	98.687	ug/l	98
52) Toluene	8.720	92	53872	19.599	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	30652	18.684	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	34073	19.161	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	22751	20.825	ug/l	98
56) Ethyl methacrylate	9.116	69	34472	19.444	ug/l	96
57) 1,3-Dichloropropane	9.311	76	36625	20.226	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	74769	90.647	ug/l	95
59) 2-Hexanone	9.433	43	124417	95.635	ug/l	95
60) Dibromochloromethane	9.524	129	24353	19.368	ug/l	98
61) 1,2-Dibromoethane	9.610	107	23762	20.082	ug/l	98
64) Tetrachloroethene	9.275	164	22735	18.729	ug/l	95
65) Chlorobenzene	10.079	112	59954	19.985	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	23159	20.131	ug/l	99
67) Ethyl Benzene	10.195	91	101496	19.578	ug/l	98
68) m/p-Xylenes	10.305	106	81057	38.279	ug/l	93
69) o-Xylene	10.646	106	41870	20.203	ug/l	88
70) Styrene	10.658	104	66107	19.308	ug/l	97
71) Bromoform	10.799	173	18329	18.351	ug/l #	98
73) Isopropylbenzene	10.963	105	100269	19.384	ug/l	97
74) N-amyl acetate	10.841	43	42490	18.991	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	34070	20.362	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	31422m	21.141	ug/l	
77) Bromobenzene	11.201	156	27331	20.545	ug/l	93
78) n-propylbenzene	11.305	91	111051	19.125	ug/l	97
79) 2-Chlorotoluene	11.366	91	69757	19.733	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	84858	19.516	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	10263	17.395	ug/l	93
82) 4-Chlorotoluene	11.457	91	79102	19.603	ug/l	96
83) tert-Butylbenzene	11.713	119	85270	19.297	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	85077	19.797	ug/l	96
85) sec-Butylbenzene	11.890	105	99721	18.563	ug/l	97
86) p-Isopropyltoluene	12.012	119	85812	18.591	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	48223	19.473	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	48582	19.361	ug/l	98
89) n-Butylbenzene	12.335	91	66949	17.208	ug/l	96
90) Hexachloroethane	12.542	117	14475	17.018	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	48364	20.040	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7071	20.232	ug/l	86
93) 1,2,4-Trichlorobenzene	13.591	180	27357	19.259	ug/l	99
94) Hexachlorobutadiene	13.725	225	11534	16.911	ug/l	99
95) Naphthalene	13.780	128	94136	18.989	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	27818	20.019	ug/l	98

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

