

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112321\
 Data File : VX025266.D
 Acq On : 23 Nov 2021 12:00
 Operator : JC/MD
 Sample : VX1123MBS01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1123MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/24/2021
 Supervised By : Mahesh Dadoda 11/26/2021

Quant Time: Nov 23 15:19:35 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	5.550	168	97687	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	152390	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	141923	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	70431	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	58186	56.508	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 113.020%			
35) Dibromofluoromethane	5.385	113	51731	55.326	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.660%			
50) Toluene-d8	8.647	98	189511	53.907	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 107.820%			
62) 4-Bromofluorobenzene	11.079	95	70804	53.238	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.480%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	19652	23.208	ug/l	97
3) Chloromethane	1.288	50	21536	20.540	ug/l	99
4) Vinyl Chloride	1.374	62	22882	19.878	ug/l	99
5) Bromomethane	1.599	94	16378	33.093	ug/l	95
6) Chloroethane	1.685	64	16188	20.381	ug/l	99
7) Trichlorofluoromethane	1.886	101	34711	20.315	ug/l	100
8) Diethyl Ether	2.130	74	15172	21.517	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	19406	21.346	ug/l	96
10) Methyl Iodide	2.453	142	22810	20.067	ug/l	93
11) Tert butyl alcohol	2.959	59	28231	105.676	ug/l	96
12) 1,1-Dichloroethene	2.319	96	18710	20.665	ug/l	87
13) Acrolein	2.233	56	4827	102.327	ug/l	100
14) Allyl chloride	2.660	41	33217	20.271	ug/l	95
15) Acrylonitrile	3.062	53	59783	108.193	ug/l	98
16) Acetone	2.380	43	61518	107.519	ug/l	96
17) Carbon Disulfide	2.508	76	47493	18.647	ug/l	98
18) Methyl Acetate	2.703	43	38545	21.085	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	70185	22.248	ug/l	99
20) Methylene Chloride	2.788	84	22273	20.708	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	20441	20.609	ug/l	85
22) Diisopropyl ether	3.757	45	67517	21.636	ug/l	93
23) Vinyl Acetate	3.721	43	272599	108.751	ug/l	96
24) 1,1-Dichloroethane	3.611	63	36633	21.484	ug/l	97
25) 2-Butanone	4.556	43	89017	107.610	ug/l	96
26) 2,2-Dichloropropane	4.477	77	31640	20.468	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	25010	21.592	ug/l	89
28) Bromochloromethane	4.897	49	17994	22.632	ug/l	93
29) Tetrahydrofuran	5.001	42	54943	107.270	ug/l	98
30) Chloroform	5.093	83	38703	21.811	ug/l	93
31) Cyclohexane	5.464	56	32078	20.160	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	34420	21.187	ug/l	96
36) 1,1-Dichloropropene	5.696	75	26688	20.073	ug/l	96
37) Ethyl Acetate	4.715	43	32177	21.271	ug/l	99
38) Carbon Tetrachloride	5.678	117	30078	20.540	ug/l	98
39) Methylcyclohexane	7.379	83	34877	20.451	ug/l	96
40) Benzene	6.037	78	84500	20.980	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	17512	20.858	ug/l	97
42) 1,2-Dichloroethane	6.086	62	29504	22.513	ug/l	92
43) Isopropyl Acetate	6.336	43	53582	21.284	ug/l	97
44) Trichloroethene	7.123	130	24373	20.831	ug/l	97
45) 1,2-Dichloropropane	7.427	63	21136	21.367	ug/l	99
46) Dibromomethane	7.580	93	15656	21.802	ug/l	90
47) Bromodichloromethane	7.824	83	30391	21.536	ug/l	95
48) Methyl methacrylate	7.690	41	24552	20.780	ug/l	95
49) 1,4-Dioxane	7.653	88	10603	424.968	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	165587	104.897	ug/l	98
52) Toluene	8.720	92	55276	21.022	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	33049	21.059	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	35575	20.913	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	23372	22.364	ug/l	98
56) Ethyl methacrylate	9.116	69	36172	21.328	ug/l	95
57) 1,3-Dichloropropane	9.311	76	37867	21.861	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	82649	104.745	ug/l	95
59) 2-Hexanone	9.427	43	129188	103.807	ug/l	96
60) Dibromochloromethane	9.525	129	25604	21.286	ug/l	100
61) 1,2-Dibromoethane	9.610	107	24333	21.497	ug/l	100
64) Tetrachloroethene	9.275	164	24412	20.860	ug/l	93
65) Chlorobenzene	10.079	112	61619	21.306	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	23070	20.801	ug/l	97
67) Ethyl Benzene	10.195	91	104710	20.951	ug/l	96
68) m/p-Xylenes	10.299	106	84464	41.375	ug/l	93
69) o-Xylene	10.640	106	42443	21.242	ug/l	90
70) Styrene	10.659	104	68769	20.834	ug/l	97
71) Bromoform	10.799	173	19981	20.750	ug/l #	99
73) Isopropylbenzene	10.963	105	105482	21.014	ug/l	97
74) N-amyl acetate	10.842	43	44382	20.442	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	34704	21.375	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	32638m	22.629	ug/l	
77) Bromobenzene	11.201	156	28168	21.821	ug/l	92
78) n-propylbenzene	11.305	91	119286	21.171	ug/l	98
79) 2-Chlorotoluene	11.366	91	72390	21.104	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	88162	20.895	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	11406	19.922	ug/l	92
82) 4-Chlorotoluene	11.457	91	82521	21.075	ug/l	96
83) tert-Butylbenzene	11.719	119	89946	20.977	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	89927	21.564	ug/l	97
85) sec-Butylbenzene	11.890	105	109733	21.050	ug/l	97
86) p-Isopropyltoluene	12.012	119	93123	20.791	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	50618	21.065	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	51668	21.220	ug/l	98
89) n-Butylbenzene	12.335	91	75915	20.109	ug/l	96
90) Hexachloroethane	12.542	117	16149	19.565	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	51069	21.807	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7206	21.248	ug/l	85
93) 1,2,4-Trichlorobenzene	13.591	180	30269	21.960	ug/l	99
94) Hexachlorobutadiene	13.725	225	14293	21.596	ug/l	98
95) Naphthalene	13.780	128	97210	20.232	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	30179	22.381	ug/l	98

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

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