

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032622\
 Data File : VX027720.D
 Acq On : 26 Mar 2022 12:22
 Operator : JC/MD
 Sample : VX0326MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0326MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/28/2022
 Supervised By : Mahesh Dadoda 03/28/2022

Quant Time: Mar 28 05:12:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 25 16:26:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	61557	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	103881	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	91890	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	42896	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	46747	46.302	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	92.600%		
35) Dibromofluoromethane	5.391	113	33099	48.520	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.040%		
50) Toluene-d8	8.653	98	120100	45.543	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	91.080%		
62) 4-Bromofluorobenzene	11.079	95	47447	44.341	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	88.680%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	13277	18.594	ug/l	100
3) Chloromethane	1.294	50	13552	18.317	ug/l	98
4) Vinyl Chloride	1.374	62	14205	19.989	ug/l	97
5) Bromomethane	1.599	94	5813	20.374	ug/l	100
6) Chloroethane	1.678	64	8304	18.209	ug/l	90
7) Trichlorofluoromethane	1.886	101	21364	20.366	ug/l	99
8) Diethyl Ether	2.136	74	7695	20.326	ug/l	83
9) 1,1,2-Trichlorotrifluo...	2.325	101	15006	21.390	ug/l	89
10) Methyl Iodide	2.453	142	13985	20.793	ug/l	# 85
11) Tert butyl alcohol	2.971	59	17795	94.664	ug/l	100
12) 1,1-Dichloroethene	2.319	96	13210	20.203	ug/l	# 80
13) Acrolein	2.239	56	14052	106.794	ug/l	96
14) Allyl chloride	2.660	41	26891	21.739	ug/l	# 87
15) Acrylonitrile	3.068	53	49389	107.284	ug/l	99
16) Acetone	2.386	43	45169	105.785	ug/l	89
17) Carbon Disulfide	2.508	76	32826	18.712	ug/l	99
18) Methyl Acetate	2.709	43	23028	21.088	ug/l	# 88
19) Methyl tert-butyl Ether	3.117	73	50458	21.020	ug/l	96
20) Methylene Chloride	2.788	84	15725	20.642	ug/l	# 76
21) trans-1,2-Dichloroethene	3.093	96	14242	19.582	ug/l	85
22) Diisopropyl ether	3.769	45	53534	21.721	ug/l	# 90
23) Vinyl Acetate	3.727	43	233951	108.553	ug/l	# 90
24) 1,1-Dichloroethane	3.611	63	29325	20.999	ug/l	98
25) 2-Butanone	4.562	43	67610	98.595	ug/l	91
26) 2,2-Dichloropropane	4.489	77	22230	20.816	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	17768	21.933	ug/l	91
28) Bromochloromethane	4.897	49	10632	19.086	ug/l	# 79
29) Tetrahydrofuran	5.013	42	44679	117.562	ug/l	# 85
30) Chloroform	5.099	83	30609	21.872	ug/l	94
31) Cyclohexane	5.470	56	26614	21.740	ug/l	86
32) 1,1,1-Trichloroethane	5.385	97	26816	21.560	ug/l	96
36) 1,1-Dichloropropene	5.696	75	22820	21.179	ug/l	97
37) Ethyl Acetate	4.714	43	27123	21.626	ug/l	95
38) Carbon Tetrachloride	5.684	117	23126	21.963	ug/l	98
39) Methylcyclohexane	7.385	83	26907	21.709	ug/l	# 88
40) Benzene	6.043	78	62118	20.870	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	14338	21.825	ug/l	89
42) 1,2-Dichloroethane	6.092	62	25779	20.373	ug/l	94
43) Isopropyl Acetate	6.348	43	37833	19.974	ug/l	94
44) Trichloroethene	7.135	130	15959	20.723	ug/l	92
45) 1,2-Dichloropropane	7.433	63	17277	22.117	ug/l	98
46) Dibromomethane	7.586	93	12513	22.385	ug/l #	85
47) Bromodichloromethane	7.824	83	23592	21.551	ug/l #	99
48) Methyl methacrylate	7.696	41	20632	22.500	ug/l #	82
49) 1,4-Dioxane	7.665	88	7274	364.025	ug/l #	83
51) 4-Methyl-2-Pentanone	8.574	43	137518	105.759	ug/l	89
52) Toluene	8.720	92	40263	21.638	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	20220	17.764	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	25160	20.848	ug/l #	79
55) 1,1,2-Trichloroethane	9.153	97	15490	20.490	ug/l	97
56) Ethyl methacrylate	9.116	69	23357	18.903	ug/l #	86
57) 1,3-Dichloropropane	9.311	76	25883	18.980	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	72443	114.515	ug/l	92
59) 2-Hexanone	9.433	43	86170	84.802	ug/l	86
60) Dibromochloromethane	9.525	129	14609	19.977	ug/l	96
61) 1,2-Dibromoethane	9.610	107	15426	19.109	ug/l	96
64) Tetrachloroethene	9.275	164	14739	22.762	ug/l	92
65) Chlorobenzene	10.079	112	40460	20.899	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	13815	20.763	ug/l	96
67) Ethyl Benzene	10.195	91	76625	21.250	ug/l	99
68) m/p-Xylenes	10.305	106	56844	43.493	ug/l	92
69) o-Xylene	10.640	106	27431	20.887	ug/l	84
70) Styrene	10.659	104	46755	22.394	ug/l	93
71) Bromoform	10.799	173	10091	20.933	ug/l #	100
73) Isopropylbenzene	10.963	105	72244	20.505	ug/l	99
74) N-amyl acetate	10.841	43	32250	19.071	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.213	83	25801	20.783	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	24263m	20.315	ug/l	
77) Bromobenzene	11.201	156	16306	20.947	ug/l	79
78) n-propylbenzene	11.305	91	88813	21.246	ug/l	95
79) 2-Chlorotoluene	11.366	91	54445	20.659	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	64841	21.412	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	6621	18.870	ug/l #	80
82) 4-Chlorotoluene	11.457	91	64240	21.190	ug/l	94
83) tert-Butylbenzene	11.719	119	59226	21.289	ug/l	86
84) 1,2,4-Trimethylbenzene	11.756	105	66075	21.497	ug/l	95
85) sec-Butylbenzene	11.890	105	78281	21.480	ug/l	97
86) p-Isopropyltoluene	12.012	119	62951	21.948	ug/l	91
87) 1,3-Dichlorobenzene	11.969	146	30177	20.734	ug/l	93
88) 1,4-Dichlorobenzene	12.042	146	30541	20.257	ug/l	94
89) n-Butylbenzene	12.335	91	56779	20.911	ug/l	95
90) Hexachloroethane	12.542	117	9191	20.080	ug/l	85
91) 1,2-Dichlorobenzene	12.335	146	29374	20.814	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	12.945	75	6311	20.741	ug/l	58
93) 1,2,4-Trichlorobenzene	13.591	180	17129	20.593	ug/l	98
94) Hexachlorobutadiene	13.725	225	8220	20.294	ug/l	94
95) Naphthalene	13.780	128	61018	19.974	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	16606	19.972	ug/l	98

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

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