

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040622\
 Data File : VX027989.D
 Acq On : 06 Apr 2022 11:35
 Operator : JC/MD
 Sample : VX0406MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0406MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/07/2022
 Supervised By : Mahesh Dadoda 04/07/2022

Quant Time: Apr 07 08:02:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040522W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 05 15:58:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	80299	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	131168	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	115832	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	58941	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	58825	58.716	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 117.440%			
35) Dibromofluoromethane	5.385	113	43208	48.677	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 97.360%			
50) Toluene-d8	8.653	98	157873	48.679	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 97.360%			
62) 4-Bromofluorobenzene	11.079	95	63172	49.533	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 99.060%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	18587	20.772	ug/l	97
3) Chloromethane	1.294	50	15850	20.603	ug/l	99
4) Vinyl Chloride	1.374	62	16095	19.531	ug/l	97
5) Bromomethane	1.599	94	11196	34.266	ug/l	97
6) Chloroethane	1.684	64	9707	20.629	ug/l	99
7) Trichlorofluoromethane	1.886	101	27054	20.687	ug/l	99
8) Diethyl Ether	2.130	74	8927	20.249	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.331	101	16487	20.755	ug/l	97
10) Methyl Iodide	2.453	142	15800	17.421	ug/l	91
11) Tert butyl alcohol	2.959	59	19598	106.927	ug/l	99
12) 1,1-Dichloroethene	2.318	96	14881	19.656	ug/l	97
13) Acrolein	2.233	56	17570	105.865	ug/l	99
14) Allyl chloride	2.666	41	26568	23.138	ug/l #	89
15) Acrylonitrile	3.062	53	47225	107.769	ug/l	98
16) Acetone	2.379	43	44931	119.863	ug/l	90
17) Carbon Disulfide	2.514	76	38676	19.051	ug/l	98
18) Methyl Acetate	2.703	43	22356	23.051	ug/l	89
19) Methyl tert-butyl Ether	3.111	73	52071	20.983	ug/l	99
20) Methylene Chloride	2.788	84	16894	20.104	ug/l	88
21) trans-1,2-Dichloroethene	3.093	96	15474	18.510	ug/l	91
22) Diisopropyl ether	3.763	45	51836	22.624	ug/l	90
23) Vinyl Acetate	3.721	43	227162	114.164	ug/l #	91
24) 1,1-Dichloroethane	3.611	63	29635	21.286	ug/l	97
25) 2-Butanone	4.556	43	69742	113.894	ug/l	92
26) 2,2-Dichloropropane	4.477	77	23115	21.380	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	18679	19.324	ug/l	95
28) Bromochloromethane	4.897	49	13613	24.639	ug/l	85
29) Tetrahydrofuran	5.001	42	44195	111.847	ug/l	88
30) Chloroform	5.092	83	32961	21.458	ug/l	97
31) Cyclohexane	5.476	56	27369	21.098	ug/l #	85
32) 1,1,1-Trichloroethane	5.385	97	28886	20.921	ug/l	98
36) 1,1-Dichloropropene	5.690	75	23376	20.030	ug/l	100
37) Ethyl Acetate	4.714	43	27160	22.812	ug/l	94
38) Carbon Tetrachloride	5.678	117	25677	19.797	ug/l	99
39) Methylcyclohexane	7.379	83	29565	20.241	ug/l	96
40) Benzene	6.037	78	65793	19.605	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	13937	22.159	ug/l	89
42) 1,2-Dichloroethane	6.086	62	27057	22.195	ug/l	95
43) Isopropyl Acetate	6.336	43	40502	21.904	ug/l #	91
44) Trichloroethene	7.129	130	19198	19.170	ug/l	100
45) 1,2-Dichloropropane	7.433	63	16674	20.628	ug/l	97
46) Dibromomethane	7.580	93	12201	18.501	ug/l	98
47) Bromodichloromethane	7.824	83	23549	19.389	ug/l	98
48) Methyl methacrylate	7.689	41	18547	20.908	ug/l	87
49) 1,4-Dioxane	7.659	88	8968	376.970	ug/l	97
51) 4-Methyl-2-Pentanone	8.573	43	135586	111.924	ug/l	90
52) Toluene	8.720	92	41928	18.781	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	24382	19.861	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	26953	20.038	ug/l #	85
55) 1,1,2-Trichloroethane	9.153	97	17153	18.723	ug/l	94
56) Ethyl methacrylate	9.116	69	26087	19.475	ug/l #	78
57) 1,3-Dichloropropane	9.311	76	28675	19.712	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	67563	103.306	ug/l	96
59) 2-Hexanone	9.433	43	105839	113.016	ug/l	85
60) Dibromochloromethane	9.525	129	18519	18.713	ug/l	95
61) 1,2-Dibromoethane	9.610	107	17716	18.287	ug/l	94
64) Tetrachloroethene	9.275	164	17196	18.860	ug/l	96
65) Chlorobenzene	10.079	112	44866	18.506	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	16390	18.390	ug/l	97
67) Ethyl Benzene	10.195	91	84462	20.171	ug/l	99
68) m/p-Xylenes	10.305	106	63651	38.678	ug/l	91
69) o-Xylene	10.646	106	31052	19.499	ug/l	93
70) Styrene	10.658	104	51666	19.440	ug/l	93
71) Bromoform	10.799	173	12916	17.820	ug/l #	100
73) Isopropylbenzene	10.963	105	82547	20.062	ug/l	98
74) N-amyl acetate	10.841	43	32768	22.847	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	11.213	83	26711	19.726	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	25830m	21.344	ug/l	
77) Bromobenzene	11.201	156	19954	18.506	ug/l	93
78) n-propylbenzene	11.305	91	98039	20.890	ug/l	99
79) 2-Chlorotoluene	11.366	91	61033	20.690	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	73296	20.726	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	7202	18.762	ug/l #	79
82) 4-Chlorotoluene	11.457	91	70471	20.912	ug/l	95
83) tert-Butylbenzene	11.713	119	68383	19.214	ug/l	89
84) 1,2,4-Trimethylbenzene	11.756	105	73077	20.408	ug/l	96
85) sec-Butylbenzene	11.890	105	86886	19.964	ug/l	100
86) p-Isopropyltoluene	12.012	119	72829	19.691	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	36838	18.300	ug/l	96
88) 1,4-Dichlorobenzene	12.042	146	37349	18.398	ug/l	96
89) n-Butylbenzene	12.335	91	64620	20.640	ug/l	96
90) Hexachloroethane	12.542	117	11183	18.984	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	36437	18.600	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	6612	20.842	ug/l	80
93) 1,2,4-Trichlorobenzene	13.591	180	22778	17.949	ug/l	96
94) Hexachlorobutadiene	13.725	225	10672	17.596	ug/l	94
95) Naphthalene	13.780	128	77096	18.667	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	21799	17.580	ug/l	96

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

