

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032622\
 Data File : VX027721.D
 Acq On : 26 Mar 2022 12:49
 Operator : JC/MD
 Sample : VX0326MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 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 05:13:40 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	5.556	168	57994	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	98652	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	85996	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	39502	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	44846	47.148	ug/l	-0.01
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.300%		
35) Dibromofluoromethane	5.391	113	31182	48.132	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.260%		
50) Toluene-d8	8.647	98	111418	44.490	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	88.980%		
62) 4-Bromofluorobenzene	11.079	95	43217	42.529	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	85.060%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	12553	18.661	ug/l	100
3) Chloromethane	1.294	50	12134	17.408	ug/l	99
4) Vinyl Chloride	1.373	62	13044	19.483	ug/l	95
5) Bromomethane	1.593	94	5369	19.974	ug/l	96
6) Chloroethane	1.678	64	7880	18.341	ug/l	100
7) Trichlorofluoromethane	1.879	101	20573	20.817	ug/l	96
8) Diethyl Ether	2.136	74	7881	22.096	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.325	101	13855	20.963	ug/l	92
10) Methyl Iodide	2.446	142	14601	22.732	ug/l	# 90
11) Tert butyl alcohol	2.971	59	18041	101.869	ug/l	100
12) 1,1-Dichloroethene	2.312	96	12670	20.567	ug/l	# 80
13) Acrolein	2.239	56	14116	113.872	ug/l	98
14) Allyl chloride	2.660	41	25050	21.495	ug/l	# 90
15) Acrylonitrile	3.062	53	47365	109.209	ug/l	99
16) Acetone	2.379	43	44095	109.614	ug/l	90
17) Carbon Disulfide	2.507	76	31692	19.176	ug/l	97
18) Methyl Acetate	2.702	43	23432	22.777	ug/l	# 86
19) Methyl tert-butyl Ether	3.117	73	49333	21.814	ug/l	96
20) Methylene Chloride	2.788	84	15333	21.364	ug/l	# 85
21) trans-1,2-Dichloroethene	3.093	96	13678	19.962	ug/l	88
22) Diisopropyl ether	3.763	45	50059	21.559	ug/l	# 87
23) Vinyl Acetate	3.721	43	218695	107.708	ug/l	# 91
24) 1,1-Dichloroethane	3.611	63	28711	21.822	ug/l	96
25) 2-Butanone	4.556	43	55402	85.756	ug/l	98
26) 2,2-Dichloropropane	4.477	77	18626	18.513	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	15902	20.836	ug/l	99
28) Bromochloromethane	4.897	49	9551	18.199	ug/l	87
29) Tetrahydrofuran	5.007	42	42049	117.420	ug/l	87
30) Chloroform	5.098	83	29885	22.667	ug/l	88
31) Cyclohexane	5.476	56	25669	22.256	ug/l	89
32) 1,1,1-Trichloroethane	5.385	97	24825	21.186	ug/l	95
36) 1,1-Dichloropropene	5.696	75	21641	21.149	ug/l	96
37) Ethyl Acetate	4.720	43	21002	17.633	ug/l	99
38) Carbon Tetrachloride	5.678	117	21290	21.291	ug/l	99
39) Methylcyclohexane	7.378	83	25256	21.457	ug/l	# 86
40) Benzene	6.043	78	61211	21.655	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	12761	20.454	ug/l	90
42) 1,2-Dichloroethane	6.092	62	27004	22.473	ug/l	92
43) Isopropyl Acetate	6.342	43	40292	22.400	ug/l #	91
44) Trichloroethene	7.129	130	15770	21.563	ug/l	93
45) 1,2-Dichloropropane	7.433	63	17064	23.003	ug/l #	87
46) Dibromomethane	7.586	93	10727	20.207	ug/l	92
47) Bromodichloromethane	7.824	83	19453	18.712	ug/l	98
48) Methyl methacrylate	7.689	41	16434	18.471	ug/l	88
49) 1,4-Dioxane	7.665	88	6723	354.283	ug/l #	90
51) 4-Methyl-2-Pentanone	8.573	43	107776	87.279	ug/l	93
52) Toluene	8.720	92	36384	20.590	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	20580	18.920	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	21923	19.128	ug/l #	84
55) 1,1,2-Trichloroethane	9.153	97	14762	20.562	ug/l	91
56) Ethyl methacrylate	9.116	69	23736	20.228	ug/l #	84
57) 1,3-Dichloropropane	9.311	76	25062	19.352	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	60695	101.029	ug/l	99
59) 2-Hexanone	9.433	43	80695	83.624	ug/l	90
60) Dibromochloromethane	9.524	129	13984	20.136	ug/l	100
61) 1,2-Dibromoethane	9.610	107	15100	19.696	ug/l	97
64) Tetrachloroethene	9.274	164	14612	24.324	ug/l	94
65) Chlorobenzene	10.079	112	38668	21.342	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.165	131	13403	21.525	ug/l	96
67) Ethyl Benzene	10.195	91	68162	20.199	ug/l	97
68) m/p-Xylenes	10.305	106	52281	42.744	ug/l	94
69) o-Xylene	10.646	106	25912	21.082	ug/l	94
70) Styrene	10.658	104	43804	22.419	ug/l	96
71) Bromoform	10.799	173	9800	21.723	ug/l #	99
73) Isopropylbenzene	10.963	105	66812	20.592	ug/l	99
74) N-amyl acetate	10.841	43	27183	17.456	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.213	83	22987	20.107	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	21907m	19.919	ug/l	
77) Bromobenzene	11.201	156	15576	21.729	ug/l	87
78) n-propylbenzene	11.305	91	80875	21.009	ug/l	97
79) 2-Chlorotoluene	11.366	91	49956	20.585	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	60327	21.633	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	5729	17.731	ug/l #	76
82) 4-Chlorotoluene	11.457	91	59717	21.390	ug/l	95
83) tert-Butylbenzene	11.719	119	57008	22.252	ug/l	84
84) 1,2,4-Trimethylbenzene	11.756	105	62638	22.130	ug/l	93
85) sec-Butylbenzene	11.890	105	71725	21.372	ug/l	97
86) p-Isopropyltoluene	12.012	119	60266	22.818	ug/l	91
87) 1,3-Dichlorobenzene	11.969	146	29652	22.124	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	29171	21.011	ug/l	94
89) n-Butylbenzene	12.335	91	55901	22.357	ug/l	94
90) Hexachloroethane	12.542	117	8539	20.259	ug/l	86
91) 1,2-Dichlorobenzene	12.335	146	28545	21.964	ug/l	92
92) 1,2-Dibromo-3-Chloropr...	12.945	75	5850	20.878	ug/l	64
93) 1,2,4-Trichlorobenzene	13.591	180	16063	20.970	ug/l	96
94) Hexachlorobutadiene	13.725	225	7783	20.866	ug/l	93
95) Naphthalene	13.780	128	60899	21.648	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	16196	21.152	ug/l	94

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

