

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032322\
 Data File : VX027660.D
 Acq On : 23 Mar 2022 12:19
 Operator : JC/MD
 Sample : VX0323MBS01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0323MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/24/2022
 Supervised By : Mahesh Dadoda 03/24/2022

Quant Time: Mar 23 17:26:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 15:02:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	359985	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	539970	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	479033	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	235743	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	202702	45.709	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	91.420%		
35) Dibromofluoromethane	5.391	113	180944	52.084	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	104.160%		
50) Toluene-d8	8.653	98	642014	48.836	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.680%		
62) 4-Bromofluorobenzene	11.079	95	245811	50.872	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	101.740%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	65142	18.852	ug/l	97
3) Chloromethane	1.295	50	55053	17.948	ug/l	100
4) Vinyl Chloride	1.374	62	67779	19.124	ug/l	98
5) Bromomethane	1.599	94	43204	20.612	ug/l	100
6) Chloroethane	1.685	64	41802	19.221	ug/l	97
7) Trichlorofluoromethane	1.886	101	102045	17.442	ug/l	97
8) Diethyl Ether	2.136	74	41516	19.051	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	68159	19.564	ug/l	95
10) Methyl Iodide	2.453	142	72566	15.735	ug/l	99
11) Tert butyl alcohol	2.965	59	76414	90.414	ug/l	99
12) 1,1-Dichloroethene	2.319	96	62930	18.826	ug/l	95
13) Acrolein	2.239	56	32626	49.746	ug/l	97
14) Allyl chloride	2.666	41	94108	17.991	ug/l	97
15) Acrylonitrile	3.069	53	194065	101.000	ug/l	99
16) Acetone	2.380	43	162756	90.040	ug/l	97
17) Carbon Disulfide	2.514	76	140741	16.547	ug/l	100
18) Methyl Acetate	2.703	43	83014	19.162	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	216068	19.158	ug/l	100
20) Methylene Chloride	2.788	84	76640	19.720	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	68579	19.233	ug/l	94
22) Diisopropyl ether	3.764	45	196956	19.281	ug/l #	87
23) Vinyl Acetate	3.727	43	829922	93.423	ug/l	98
24) 1,1-Dichloroethane	3.611	63	119030	19.159	ug/l	100
25) 2-Butanone	4.562	43	255097	93.801	ug/l	99
26) 2,2-Dichloropropane	4.483	77	87538	17.254	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	81677	19.752	ug/l	94
28) Bromochloromethane	4.898	49	49029	19.563	ug/l	87
29) Tetrahydrofuran	5.007	42	169954	97.416	ug/l	95
30) Chloroform	5.099	83	129896	18.954	ug/l	97
31) Cyclohexane	5.471	56	102236	18.566	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	111215	17.823	ug/l	99
36) 1,1-Dichloropropene	5.696	75	92701	19.526	ug/l	98
37) Ethyl Acetate	4.715	43	97062	20.518	ug/l	100
38) Carbon Tetrachloride	5.678	117	99632	18.344	ug/l	98
39) Methylcyclohexane	7.385	83	117199	19.631	ug/l	96
40) Benzene	6.044	78	279590	20.527	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	52808	20.468	ug/l	96
42) 1,2-Dichloroethane	6.092	62	99841	19.559	ug/l	99
43) Isopropyl Acetate	6.342	43	149858	19.683	ug/l	97
44) Trichloroethene	7.129	130	83990	20.314	ug/l	96
45) 1,2-Dichloropropane	7.434	63	71799	20.696	ug/l	96
46) Dibromomethane	7.586	93	53695	20.261	ug/l	98
47) Bromodichloromethane	7.824	83	95429	19.124	ug/l	97
48) Methyl methacrylate	7.696	41	74758	19.841	ug/l	93
49) 1,4-Dioxane	7.659	88	39284	405.927	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	445966	91.760	ug/l	99
52) Toluene	8.720	92	182203	19.963	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	96665	18.874	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	110584	19.839	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	79937	21.510	ug/l	98
56) Ethyl methacrylate	9.116	69	115642	20.798	ug/l	96
57) 1,3-Dichloropropane	9.311	76	127321	21.103	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	297465	104.968	ug/l	97
59) 2-Hexanone	9.433	43	374232	99.976	ug/l	96
60) Dibromochloromethane	9.525	129	80593	19.701	ug/l	97
61) 1,2-Dibromoethane	9.610	107	77922	19.077	ug/l	98
64) Tetrachloroethene	9.275	164	82395	22.122	ug/l	96
65) Chlorobenzene	10.079	112	197764	20.069	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	71571	19.467	ug/l	99
67) Ethyl Benzene	10.195	91	336529	19.952	ug/l	96
68) m/p-Xylenes	10.305	106	271780	40.923	ug/l	98
69) o-Xylene	10.646	106	139902	21.696	ug/l	96
70) Styrene	10.659	104	231288	21.957	ug/l	99
71) Bromoform	10.799	173	57773	19.669	ug/l #	99
73) Isopropylbenzene	10.964	105	363169	21.150	ug/l	100
74) N-amyl acetate	10.842	43	119221	19.581	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	115523	21.239	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	104143m	21.120	ug/l	
77) Bromobenzene	11.201	156	91902	21.234	ug/l	93
78) n-propylbenzene	11.305	91	402261	21.341	ug/l	97
79) 2-Chlorotoluene	11.366	91	244116	20.646	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	310095	21.457	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	28930	17.818	ug/l	89
82) 4-Chlorotoluene	11.457	91	280770	20.855	ug/l	97
83) tert-Butylbenzene	11.719	119	301651	21.070	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	306641	21.276	ug/l	100
85) sec-Butylbenzene	11.890	105	366126	21.162	ug/l	100
86) p-Isopropyltoluene	12.012	119	308932	20.789	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	162765	20.297	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	164084	20.222	ug/l	98
89) n-Butylbenzene	12.335	91	251082	20.246	ug/l	97
90) Hexachloroethane	12.542	117	42838	18.077	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	162416	20.743	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	23857	19.124	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	103117	20.547	ug/l	98
94) Hexachlorobutadiene	13.725	225	45802	20.660	ug/l	93
95) Naphthalene	13.774	128	344256	21.071	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	101508	19.995	ug/l	96

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

