

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070620\
 Data File : VX017166.D
 Acq On : 06 Jul 2020 14:32
 Operator : JC/SP
 Sample : VX0706MBS01
 Misc : 5.0µl/10mL/100µL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0706MBS01

Manual Integrations
 APPROVED

MMDadoda
 7/7/2020 12:24:40 PM

Quant Time: Jul 06 16:24:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	310394	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	467357	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	447191	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	241731	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	198010	51.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.50%	
35) Dibromofluoromethane	5.47	113	158195	53.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.02%	
50) Toluene-d8	8.70	98	580205	53.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.14%	
62) 4-Bromofluorobenzene	11.12	95	227225	53.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	58038	19.327	ug/l	100
3) Chloromethane	1.32	50	54822	15.082	ug/l	97
4) Vinyl Chloride	1.39	62	57195	16.960	ug/l	99
5) Bromomethane	1.63	94	37887	21.264	ug/l	97
6) Chloroethane	1.71	64	37606	18.881	ug/l	99
7) Trichlorofluoromethane	1.92	101	105350	21.122	ug/l	99
8) Diethyl Ether	2.17	74	33948	20.446	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.37	101	58610	19.606	ug/l	97
10) Methyl Iodide	2.49	142	49325	12.787	ug/l	100
11) Tert butyl alcohol	3.01	59	65278	89.423	ug/l	98
12) 1,1-Dichloroethene	2.35	96	57204	18.628	ug/l	98
13) Acrolein	2.27	56	23524	53.908	ug/l	100
14) Allyl chloride	2.71	41	98075	17.281	ug/l	96
15) Acrylonitrile	3.12	53	158700	90.434	ug/l	99
16) Acetone	2.42	43	132677	92.686	ug/l	97
17) Carbon Disulfide	2.55	76	157719	18.419	ug/l	99
18) Methyl Acetate	2.75	43	69872	18.698	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	202639	19.661	ug/l	99
20) Methylene Chloride	2.84	84	67702	20.155	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	62548	18.354	ug/l	94
22) Diisopropyl ether	3.82	45	197910	18.841	ug/l	95
23) Vinyl Acetate	3.79	43	851844	94.375	ug/l	99
24) 1,1-Dichloroethane	3.67	63	111767	18.700	ug/l	99
25) 2-Butanone	4.63	43	212512	89.096	ug/l	99
26) 2,2-Dichloropropane	4.55	77	103803	19.560	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	71288	18.462	ug/l	99
28) Bromochloromethane	4.98	49	54699	18.807	ug/l	92
29) Tetrahydrofuran	5.09	42	139073	88.247	ug/l	97
30) Chloroform	5.18	83	119914	19.572	ug/l	99
31) Cyclohexane	5.55	56	93135	18.028	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	113391	20.096	ug/l	99
36) 1,1-Dichloropropene	5.77	75	85584	19.376	ug/l	96
37) Ethyl Acetate	4.80	43	85124	18.994	ug/l	98
38) Carbon Tetrachloride	5.76	117	102398	21.047	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	93147	18.953	ug/l	98
40) Benzene	6.12	78	250861	19.329	ug/l	98
41) Methacrylonitrile	5.01	41	45968	18.224	ug/l	94
42) 1,2-Dichloroethane	6.17	62	97378	20.773	ug/l	100
43) Isopropyl Acetate	6.42	43	140277	18.836	ug/l	99
44) Trichloroethene	7.19	130	76607	21.213	ug/l	94
45) 1,2-Dichloropropane	7.49	63	64749	19.425	ug/l	98
46) Dibromomethane	7.64	93	45953	20.193	ug/l	96
47) Bromodichloromethane	7.88	83	97069	20.698	ug/l	98
48) Methyl methacrylate	7.75	41	69854	19.743	ug/l	99
49) 1,4-Dioxane	7.71	88	28923	360.839	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	430836	97.052	ug/l	100
52) Toluene	8.77	92	161737	19.961	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	102205	19.752	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	111756	20.147	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	68129	20.579	ug/l	98
56) Ethyl methacrylate	9.16	69	95723	20.315	ug/l	97
57) 1,3-Dichloropropane	9.35	76	109718	19.586	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	240570	102.582	ug/l	98
59) 2-Hexanone	9.48	43	322368	99.431	ug/l	100
60) Dibromochloromethane	9.57	129	81515	21.200	ug/l	99
61) 1,2-Dibromoethane	9.65	107	73841	20.750	ug/l	96
64) Tetrachloroethene	9.32	164	75774	20.995	ug/l	98
65) Chlorobenzene	10.12	112	180268	19.531	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	73877	20.769	ug/l	98
67) Ethyl Benzene	10.24	91	309021	20.048	ug/l	100
68) m/p-Xylenes	10.34	106	232285	39.248	ug/l	94
69) o-Xylene	10.68	106	113389	20.140	ug/l	100
70) Styrene	10.69	104	197968	20.648	ug/l	99
71) Bromoform	10.84	173	61730	21.885	ug/l #	99
73) Isopropylbenzene	11.00	105	304942	19.259	ug/l	99
74) N-amyl acetate	10.88	43	122969	18.201	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	92475	18.567	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	89436m	18.815	ug/l	
77) Bromobenzene	11.24	156	84663	19.455	ug/l	96
78) n-propylbenzene	11.35	91	345760	19.311	ug/l	100
79) 2-Chlorotoluene	11.40	91	213009	19.657	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	262400	19.979	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	32889	17.917	ug/l	91
82) 4-Chlorotoluene	11.49	91	258775	19.976	ug/l	99
83) tert-Butylbenzene	11.76	119	252603	19.593	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	268153	20.125	ug/l	99
85) sec-Butylbenzene	11.93	105	292437	19.297	ug/l	100
86) p-Isopropyltoluene	12.05	119	282150	19.999	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	153537	19.426	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	157995	21.087	ug/l	99
89) n-Butylbenzene	12.37	91	237388	18.845	ug/l	98
90) Hexachloroethane	12.58	117	53995	19.408	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	146524	19.833	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	22479	18.919	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	101463	20.122	ug/l	97
94) Hexachlorobutadiene	13.77	225	41315	22.069	ug/l	93
95) Naphthalene	13.82	128	308224	20.106	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	100476	20.590	ug/l	99

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

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