

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX073119\
 Data File : VX011248.D
 Acq On : 31 Jul 2019 17:16
 Operator : JC/SP
 Sample : VX0731MBS01
 Misc : 5.0µ/10mL/100uL/10mL/MSVOA_X/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731MBS01

Manual Integrations
 APPROVED

MMdadoda
 8/1/2019 11:19:56 AM

Quant Time: Aug 01 02:39:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	186118	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	276260	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	249719	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	133705	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	98285	49.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.28%	
35) Dibromofluoromethane	5.50	113	85360	48.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.36%	
50) Toluene-d8	8.71	98	320883	48.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.58%	
62) 4-Bromofluorobenzene	11.13	95	116424	48.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	30045	15.520	ug/l	100
3) Chloromethane	1.33	50	26977	15.762	ug/l	97
4) Vinyl Chloride	1.41	62	29618	16.966	ug/l	100
5) Bromomethane	1.64	94	20600	20.940	ug/l	98
6) Chloroethane	1.73	64	20291	18.290	ug/l	94
7) Trichlorofluoromethane	1.93	101	53267	18.025	ug/l	97
8) Diethyl Ether	2.19	74	18872	18.535	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	29617	17.553	ug/l	98
10) Methyl Iodide	2.51	142	28448	12.848	ug/l	100
11) Tert butyl alcohol	3.04	59	38013	82.435	ug/l	97
12) 1,1-Dichloroethene	2.37	96	26939	16.250	ug/l	96
13) Acrolein	2.29	56	25263	94.823	ug/l	98
14) Allyl chloride	2.73	41	38819	16.121	ug/l	100
15) Acrylonitrile	3.14	53	84511	90.697	ug/l	99
16) Acetone	2.45	43	74168	82.937	ug/l	98
17) Carbon Disulfide	2.57	76	50579	11.894	ug/l	100
18) Methyl Acetate	2.78	43	40790	20.032	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	94680	17.741	ug/l	99
20) Methylene Chloride	2.85	84	32339	17.064	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	28579	16.247	ug/l	98
22) Diisopropyl ether	3.85	45	90725	17.864	ug/l	98
23) Vinyl Acetate	3.81	43	365209	84.871	ug/l	99
24) 1,1-Dichloroethane	3.70	63	50790	17.220	ug/l	98
25) 2-Butanone	4.67	43	114623	89.290	ug/l	97
26) 2,2-Dichloropropane	4.59	77	38380	15.848	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	35437	17.407	ug/l	99
28) Bromochloromethane	5.01	49	26484	19.055	ug/l	98
29) Tetrahydrofuran	5.13	42	71518	87.951	ug/l	99
30) Chloroform	5.21	83	55693	17.469	ug/l	97
31) Cyclohexane	5.58	56	42051	15.642	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	46949	17.022	ug/l	98
36) 1,1-Dichloropropene	5.80	75	37841	16.676	ug/l	98
37) Ethyl Acetate	4.84	43	41278	17.765	ug/l	96
38) Carbon Tetrachloride	5.79	117	38666	16.352	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	45898	15.597	ug/l	98
40) Benzene	6.14	78	123388	17.751	ug/l	98
41) Methacrylonitrile	5.05	41	22500	17.058	ug/l	99
42) 1,2-Dichloroethane	6.20	62	44167	18.274	ug/l	99
43) Isopropyl Acetate	6.45	43	66482	17.400	ug/l	99
44) Trichloroethene	7.21	130	35342	17.177	ug/l	93
45) 1,2-Dichloropropane	7.51	63	31321	17.704	ug/l	97
46) Dibromomethane	7.66	93	22531	17.822	ug/l	97
47) Bromodichloromethane	7.90	83	37459	16.646	ug/l	94
48) Methyl methacrylate	7.77	41	32126	17.260	ug/l	98
49) 1,4-Dioxane	7.74	88	17745	340.830	ug/l	95
51) 4-Methyl-2-Pentanone	8.64	43	227537	91.869	ug/l	99
52) Toluene	8.78	92	80297	17.584	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	38715	16.000	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	44142	16.394	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	34208	18.194	ug/l	98
56) Ethyl methacrylate	9.18	69	49019	17.823	ug/l	98
57) 1,3-Dichloropropane	9.37	76	53487	17.933	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.31	63	132049	100.580	ug/l	99
59) 2-Hexanone	9.49	43	177901	92.608	ug/l	99
60) Dibromochloromethane	9.58	129	31000	16.130	ug/l	99
61) 1,2-Dibromoethane	9.67	107	35394	17.738	ug/l	99
64) Tetrachloroethene	9.34	164	35447	18.044	ug/l	96
65) Chlorobenzene	10.13	112	90061	17.559	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	31492	17.470	ug/l	98
67) Ethyl Benzene	10.25	91	152489	17.467	ug/l	98
68) m/p-Xylenes	10.36	106	118138	35.277	ug/l	99
69) o-Xylene	10.69	106	58378	17.862	ug/l	97
70) Styrene	10.71	104	97823	17.955	ug/l	100
71) Bromoform	10.85	173	21664	15.076	ug/l #	99
73) Isopropylbenzene	11.02	105	158073	17.497	ug/l	99
74) N-amyl acetate	10.90	43	57794	16.742	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	53277	18.020	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	44288m	18.356	ug/l	
77) Bromobenzene	11.25	156	42840	17.191	ug/l	98
78) n-propylbenzene	11.36	91	172478	17.278	ug/l	100
79) 2-Chlorotoluene	11.42	91	103620	17.280	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	132022	17.488	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	11741	15.327	ug/l	87
82) 4-Chlorotoluene	11.51	91	119531	17.126	ug/l	100
83) tert-Butylbenzene	11.77	119	127746	17.228	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	131205	17.244	ug/l	100
85) sec-Butylbenzene	11.94	105	151173	17.399	ug/l	100
86) p-Isopropyltoluene	12.06	119	141111	17.567	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	75195	17.387	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	74315	16.755	ug/l	96
89) n-Butylbenzene	12.38	91	117853	17.149	ug/l	100
90) Hexachloroethane	12.59	117	18497	14.600	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	76924	17.947	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	10224	16.543	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	50584	17.414	ug/l	99
94) Hexachlorobutadiene	13.78	225	25237	17.533	ug/l	98
95) Naphthalene	13.83	128	160034	18.658	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	52547	18.181	ug/l	99

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

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