

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073119\
 Data File : VX011255.D
 Acq On : 31 Jul 2019 20:00
 Operator : JC/SP
 Sample : VX0731MBS02
 Misc : 5.0µ/10mL/100uL/10mL/MSVOA_X/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731MBS02

Manual Integrations
 APPROVED

MMdadoda
 8/1/2019 11:19:38 AM

Quant Time: Aug 01 03:39:36 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	188251	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	281268	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	255410	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	133228	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	97616	48.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.48%	
35) Dibromofluoromethane	5.50	113	85793	48.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.12%	
50) Toluene-d8	8.71	98	318356	47.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.08%	
62) 4-Bromofluorobenzene	11.13	95	117643	47.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	34515	17.553	ug/l	98
3) Chloromethane	1.33	50	29956	17.304	ug/l	99
4) Vinyl Chloride	1.41	62	33360	18.893	ug/l	99
5) Bromomethane	1.64	94	21495	21.602	ug/l	95
6) Chloroethane	1.73	64	22444	20.001	ug/l	98
7) Trichlorofluoromethane	1.93	101	59373	19.864	ug/l	95
8) Diethyl Ether	2.19	74	20525	19.930	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	32938	19.300	ug/l	99
10) Methyl Iodide	2.51	142	34433	15.375	ug/l	99
11) Tert butyl alcohol	3.04	59	43232	92.691	ug/l	99
12) 1,1-Dichloroethene	2.37	96	30387	18.122	ug/l	95
13) Acrolein	2.29	56	24647	91.463	ug/l	98
14) Allyl chloride	2.73	41	44634	18.326	ug/l	100
15) Acrylonitrile	3.14	53	93836	99.564	ug/l	99
16) Acetone	2.45	43	80680	89.197	ug/l	96
17) Carbon Disulfide	2.57	76	59143	13.750	ug/l	99
18) Methyl Acetate	2.78	43	45616	22.148	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	108585	20.116	ug/l	98
20) Methylene Chloride	2.86	84	35937	18.748	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	32055	18.017	ug/l	97
22) Diisopropyl ether	3.85	45	104026	20.251	ug/l	97
23) Vinyl Acetate	3.82	43	417143	95.841	ug/l	100
24) 1,1-Dichloroethane	3.70	63	58371	19.566	ug/l	99
25) 2-Butanone	4.67	43	126268	97.247	ug/l	99
26) 2,2-Dichloropropane	4.59	77	42795	17.471	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	39367	19.119	ug/l	99
28) Bromochloromethane	5.02	49	26625	18.939	ug/l	100
29) Tetrahydrofuran	5.13	42	79468	96.621	ug/l	99
30) Chloroform	5.21	83	63860	19.804	ug/l	99
31) Cyclohexane	5.58	56	48543	17.852	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	53575	19.204	ug/l	98
36) 1,1-Dichloropropene	5.80	75	42649	18.460	ug/l	99
37) Ethyl Acetate	4.83	43	45371	19.178	ug/l	97
38) Carbon Tetrachloride	5.79	117	44757	18.591	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	53279	17.783	ug/l	97
40) Benzene	6.14	78	135712	19.176	ug/l	99
41) Methacrylonitrile	5.04	41	25654	19.102	ug/l	98
42) 1,2-Dichloroethane	6.20	62	48506	19.712	ug/l	99
43) Isopropyl Acetate	6.45	43	73542	18.905	ug/l	99
44) Trichloroethene	7.21	130	38489	18.373	ug/l	92
45) 1,2-Dichloropropane	7.51	63	35865	19.911	ug/l	99
46) Dibromomethane	7.66	93	25528	19.833	ug/l	97
47) Bromodichloromethane	7.90	83	44254	19.315	ug/l	98
48) Methyl methacrylate	7.77	41	38055	20.082	ug/l	95
49) 1,4-Dioxane	7.74	88	19210	362.399	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	259075	102.741	ug/l	99
52) Toluene	8.78	92	89743	19.303	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	44627	18.115	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	50722	18.503	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	38843	20.291	ug/l	98
56) Ethyl methacrylate	9.18	69	55132	19.689	ug/l	98
57) 1,3-Dichloropropane	9.37	76	59879	19.718	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.31	63	135704	101.524	ug/l	99
59) 2-Hexanone	9.49	43	198674	101.580	ug/l	99
60) Dibromochloromethane	9.58	129	37027	18.485	ug/l	98
61) 1,2-Dibromoethane	9.67	107	39782	19.582	ug/l	98
64) Tetrachloroethene	9.34	164	40394	20.104	ug/l	96
65) Chlorobenzene	10.14	112	101397	19.329	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	35499	19.254	ug/l	96
67) Ethyl Benzene	10.25	91	173935	19.479	ug/l	99
68) m/p-Xylenes	10.36	106	133098	38.859	ug/l	99
69) o-Xylene	10.69	106	65351	19.550	ug/l	100
70) Styrene	10.71	104	110247	19.784	ug/l	99
71) Bromoform	10.85	173	25986	17.240	ug/l	# 100
73) Isopropylbenzene	11.02	105	179926	19.987	ug/l	99
74) N-amyl acetate	10.90	43	66731	19.400	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	60110	20.404	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	48868m	20.326	ug/l	
77) Bromobenzene	11.26	156	48354	19.473	ug/l	99
78) n-propylbenzene	11.36	91	196689	19.774	ug/l	98
79) 2-Chlorotoluene	11.42	91	117669	19.693	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	148226	19.705	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	13738	17.305	ug/l	87
82) 4-Chlorotoluene	11.51	91	136098	19.570	ug/l	100
83) tert-Butylbenzene	11.77	119	147915	20.019	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	150126	19.801	ug/l	99
85) sec-Butylbenzene	11.94	105	176059	20.336	ug/l	99
86) p-Isopropyltoluene	12.06	119	160487	20.051	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	84346	19.573	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	84439	19.106	ug/l	97
89) n-Butylbenzene	12.38	91	139698	20.401	ug/l	97
90) Hexachloroethane	12.60	117	21837	17.298	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	85790	20.088	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	12005	19.495	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	59637	20.605	ug/l	99
94) Hexachlorobutadiene	13.78	225	28863	20.123	ug/l	98
95) Naphthalene	13.83	128	189323	22.151	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	59336	20.604	ug/l	94

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

