

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122618\
 Data File : VX006827.D
 Acq On : 26 Dec 2018 19:08
 Operator : JC/MD
 Sample : VX1226MBSD01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX1226MBSD01

Manual Integrations
 APPROVED

MMDadoda
 12/27/2018 9:40:37 AM

Quant Time: Dec 27 04:46:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	568829	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	850374	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	742425	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	361599	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	300612	49.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.06%	
35) Dibromofluoromethane	5.50	113	267280	49.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.40%	
50) Toluene-d8	8.71	98	961331	47.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.84%	
62) 4-Bromofluorobenzene	11.13	95	344678	46.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	86644	16.650	ug/l	99
3) Chloromethane	1.33	50	94992	16.944	ug/l	99
4) Vinyl Chloride	1.41	62	101967	17.415	ug/l	96
5) Bromomethane	1.64	94	80730	13.370	ug/l	97
6) Chloroethane	1.72	64	67129	16.558	ug/l	100
7) Trichlorofluoromethane	1.93	101	164784	18.051	ug/l	98
8) Diethyl Ether	2.19	74	71039	19.592	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	94362	17.605	ug/l	98
10) Methyl Iodide	2.51	142	98508	12.839	ug/l	100
11) Tert butyl alcohol	3.07	59	138921	101.537	ug/l	100
12) 1,1-Dichloroethene	2.37	96	89439	17.598	ug/l	97
13) Acrolein	2.30	56	79241	85.853	ug/l	99
14) Allyl chloride	2.73	41	161653	18.896	ug/l	99
15) Acrylonitrile	3.15	53	315021	103.701	ug/l	99
16) Acetone	2.45	43	257912	91.569	ug/l	99
17) Carbon Disulfide	2.57	76	197131	14.657	ug/l	99
18) Methyl Acetate	2.78	43	187587	22.650	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	354693	21.027	ug/l	99
20) Methylene Chloride	2.86	84	112540	19.323	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	100892	17.917	ug/l	98
22) Diisopropyl ether	3.87	45	320916	20.505	ug/l	96
23) Vinyl Acetate	3.82	43	1280798	100.050	ug/l	100
24) 1,1-Dichloroethane	3.70	63	171113	18.315	ug/l	100
25) 2-Butanone	4.70	43	388850	98.148	ug/l	98
26) 2,2-Dichloropropane	4.59	77	108579	15.045	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	115842	18.645	ug/l	99
28) Bromochloromethane	5.02	49	87613	21.178	ug/l	97
29) Tetrahydrofuran	5.15	42	265122	101.602	ug/l	97
30) Chloroform	5.21	83	181932	18.805	ug/l	98
31) Cyclohexane	5.58	56	130246	15.346	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	147251	18.025	ug/l	99
36) 1,1-Dichloropropene	5.80	75	126159	17.913	ug/l	99
37) Ethyl Acetate	4.85	43	152417	20.792	ug/l	98
38) Carbon Tetrachloride	5.78	117	116277	16.988	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	134964	14.556	ug/l	96
40) Benzene	6.14	78	396834	18.536	ug/l	98
41) Methacrylonitrile	5.06	41	84169	21.627	ug/l	96
42) 1,2-Dichloroethane	6.20	62	142091	19.478	ug/l	100
43) Isopropyl Acetate	6.46	43	241296	21.634	ug/l	98
44) Trichloroethene	7.21	130	115156	17.772	ug/l	96
45) 1,2-Dichloropropane	7.51	63	104518	20.062	ug/l	96
46) Dibromomethane	7.66	93	72956	19.038	ug/l	97
47) Bromodichloromethane	7.90	83	117065	18.400	ug/l	94
48) Methyl methacrylate	7.77	41	122991	21.684	ug/l	97
49) 1,4-Dioxane	7.76	88	53299	346.147	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	781606	110.135	ug/l	99
52) Toluene	8.78	92	257083	18.588	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	128281	18.801	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	144254	19.268	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	112940	19.950	ug/l	99
56) Ethyl methacrylate	9.18	69	168341	21.039	ug/l	95
57) 1,3-Dichloropropane	9.37	76	183626	20.160	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	442236	103.975	ug/l	99
59) 2-Hexanone	9.49	43	581090	107.017	ug/l	98
60) Dibromochloromethane	9.58	129	98422	18.174	ug/l	100
61) 1,2-Dibromoethane	9.67	107	117814	19.577	ug/l	97
64) Tetrachloroethene	9.34	164	104377	17.755	ug/l	95
65) Chlorobenzene	10.14	112	299049	19.040	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	98723	20.146	ug/l	100
67) Ethyl Benzene	10.25	91	463612	18.063	ug/l	99
68) m/p-Xylenes	10.36	106	363994	35.941	ug/l	98
69) o-Xylene	10.69	106	184300	18.429	ug/l	97
70) Styrene	10.71	104	301377	19.048	ug/l	99
71) Bromoform	10.85	173	71345	19.161	ug/l #	99
73) Isopropylbenzene	11.02	105	461485	18.655	ug/l	100
74) N-amyl acetate	10.90	43	213025	24.058	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	165904	22.550	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	153276m	22.809	ug/l	
77) Bromobenzene	11.26	156	137266	20.524	ug/l	99
78) n-propylbenzene	11.36	91	501724	18.418	ug/l	99
79) 2-Chlorotoluene	11.42	91	308225	18.671	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	369090	18.114	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	35924	19.124	ug/l	90
82) 4-Chlorotoluene	11.51	91	360019	19.012	ug/l	100
83) tert-Butylbenzene	11.77	119	366867	17.990	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	381508	17.801	ug/l	100
85) sec-Butylbenzene	11.94	105	434960	17.397	ug/l	99
86) p-Isopropyltoluene	12.06	119	388880	17.694	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	227550	18.879	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	228358	18.481	ug/l	98
89) n-Butylbenzene	12.38	91	325243	17.388	ug/l	98
90) Hexachloroethane	12.60	117	48741	16.530	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	225890	18.734	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	29134	19.139	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	139803	16.809	ug/l	99
94) Hexachlorobutadiene	13.78	225	62893	16.043	ug/l	100
95) Naphthalene	13.83	128	431926	16.271	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	136701	15.919	ug/l	99

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

