

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX120418\
 Data File : VX006273.D
 Acq On : 04 Dec 2018 12:55
 Operator : JC/MD
 Sample : VX1204MBS01
 Misc : 5.0g/10mL/100ul/5.00ml/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1204MBS01

Manual Integrations
 APPROVED

MMDadoda
 12/5/2018 10:11:27 AM

Quant Time: Dec 04 13:41:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	740728	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1118468	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	995070	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	496947	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	376152	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	
35) Dibromofluoromethane	5.50	113	358727	49.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.08%	
50) Toluene-d8	8.71	98	1278731	48.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.10%	
62) 4-Bromofluorobenzene	11.13	95	469337	47.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	145374	20.044	ug/l	99
3) Chloromethane	1.33	50	137136	18.400	ug/l	99
4) Vinyl Chloride	1.41	62	155850	19.429	ug/l	100
5) Bromomethane	1.64	94	115410	20.760	ug/l	97
6) Chloroethane	1.73	64	104812	21.311	ug/l	98
7) Trichlorofluoromethane	1.93	101	240861	19.561	ug/l	98
8) Diethyl Ether	2.19	74	89388	19.181	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	136540	19.501	ug/l	98
10) Methyl Iodide	2.51	142	202449	19.187	ug/l	99
11) Tert butyl alcohol	3.07	59	169293	81.866	ug/l	98
12) 1,1-Dichloroethene	2.38	96	124500	18.575	ug/l	95
13) Acrolein	2.29	56	104829	92.748	ug/l	100
14) Allyl chloride	2.73	41	238919	18.045	ug/l	98
15) Acrylonitrile	3.15	53	389511	90.263	ug/l	99
16) Acetone	2.45	43	321355	90.558	ug/l	98
17) Carbon Disulfide	2.57	76	365944	17.718	ug/l	100
18) Methyl Acetate	2.78	43	222453	18.745	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	452092	18.908	ug/l	97
20) Methylene Chloride	2.86	84	144860	19.181	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	134226	18.792	ug/l	92
22) Diisopropyl ether	3.87	45	405740	19.619	ug/l	99
23) Vinyl Acetate	3.82	43	1686859	95.633	ug/l	99
24) 1,1-Dichloroethane	3.70	63	228740	19.351	ug/l	100
25) 2-Butanone	4.70	43	460971	91.040	ug/l	98
26) 2,2-Dichloropropane	4.59	77	209952	19.246	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	159989	20.081	ug/l	97
28) Bromochloromethane	5.03	49	102800	19.910	ug/l	99
29) Tetrahydrofuran	5.15	42	317515	90.228	ug/l	99
30) Chloroform	5.21	83	244833	19.710	ug/l	94
31) Cyclohexane	5.57	56	206596	18.912	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	226890	19.197	ug/l	98
36) 1,1-Dichloropropene	5.80	75	176830	18.774	ug/l	100
37) Ethyl Acetate	4.85	43	188489	17.870	ug/l	98
38) Carbon Tetrachloride	5.78	117	210552	19.002	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	229362	18.761	ug/l	98
40) Benzene	6.15	78	545324	19.331	ug/l	100
41) Methacrylonitrile	5.06	41	103737	17.874	ug/l	98
42) 1,2-Dichloroethane	6.20	62	181184	19.625	ug/l	99
43) Isopropyl Acetate	6.46	43	313926	17.851	ug/l	99
44) Trichloroethene	7.21	130	162111	18.969	ug/l	96
45) 1,2-Dichloropropane	7.52	63	140829	19.643	ug/l	98
46) Dibromomethane	7.66	93	100323	19.375	ug/l	98
47) Bromodichloromethane	7.90	83	188557	18.804	ug/l	98
48) Methyl methacrylate	7.77	41	156770	18.324	ug/l	99
49) 1,4-Dioxane	7.75	88	68982	327.146	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	922569	90.116	ug/l	99
52) Toluene	8.79	92	351629	18.946	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	212845	18.150	ug/l	97
54) cis-1,3-Dichloropropene	8.44	75	226257	18.580	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	148044	19.635	ug/l	99
56) Ethyl methacrylate	9.18	69	220804	18.733	ug/l	98
57) 1,3-Dichloropropane	9.37	76	233308	19.569	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	557879	93.270	ug/l	99
59) 2-Hexanone	9.49	43	689981	88.216	ug/l	100
60) Dibromochloromethane	9.59	129	171477	18.444	ug/l	99
61) 1,2-Dibromoethane	9.67	107	162664	19.295	ug/l	98
64) Tetrachloroethene	9.34	164	149348	19.930	ug/l	99
65) Chlorobenzene	10.14	112	413194	19.561	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	160353	19.538	ug/l	99
67) Ethyl Benzene	10.25	91	679281	19.335	ug/l	99
68) m/p-Xylenes	10.36	106	533841	37.934	ug/l	99
69) o-Xylene	10.70	106	266682	19.185	ug/l	99
70) Styrene	10.71	104	425779	18.938	ug/l	98
71) Bromoform	10.86	173	137182	17.707	ug/l #	98
73) Isopropylbenzene	11.02	105	698075	20.341	ug/l	100
74) N-amyl acetate	10.90	43	280506	18.981	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	220543	20.087	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	211462m	22.046	ug/l	
77) Bromobenzene	11.26	156	190297	19.981	ug/l	98
78) n-propylbenzene	11.36	91	764186	20.032	ug/l	100
79) 2-Chlorotoluene	11.42	91	451937	19.932	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	574578	20.123	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	75082	18.369	ug/l	96
82) 4-Chlorotoluene	11.51	91	520574	19.747	ug/l	100
83) tert-Butylbenzene	11.77	119	619971	20.350	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	589782	20.003	ug/l	100
85) sec-Butylbenzene	11.94	105	700681	20.216	ug/l	100
86) p-Isopropyltoluene	12.07	119	627192	20.096	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	335775	19.814	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	336648	19.572	ug/l	99
89) n-Butylbenzene	12.39	91	514176	19.309	ug/l	100
90) Hexachloroethane	12.60	117	120344	18.919	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	331749	19.725	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	49297	17.516	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	237245	19.335	ug/l	100
94) Hexachlorobutadiene	13.78	225	108853	20.060	ug/l	98
95) Naphthalene	13.83	128	749931	19.648	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	235785	19.401	ug/l	98

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

