

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122618\
 Data File : VX006813.D
 Acq On : 26 Dec 2018 12:56
 Operator : JC/MD
 Sample : VX1226WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1226WBS01

Manual Integrations
 APPROVED

MMDadoda
 12/27/2018 9:39:05 AM

Quant Time: Dec 27 03:32:42 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	568208	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	836460	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	765494	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	408450	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	293243	47.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.78%	
35) Dibromofluoromethane	5.50	113	261039	49.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.70%	
50) Toluene-d8	8.71	98	979661	49.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.26%	
62) 4-Bromofluorobenzene	11.13	95	358920	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	91098	17.525	ug/l	98
3) Chloromethane	1.33	50	102181	18.246	ug/l	96
4) Vinyl Chloride	1.41	62	111200	19.012	ug/l	98
5) Bromomethane	1.64	94	105927	18.188	ug/l	99
6) Chloroethane	1.72	64	71787	17.726	ug/l	99
7) Trichlorofluoromethane	1.93	101	170386	18.685	ug/l	100
8) Diethyl Ether	2.19	74	69028	19.058	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	104025	19.429	ug/l	100
10) Methyl Iodide	2.51	142	150802	19.676	ug/l	99
11) Tert butyl alcohol	3.06	59	153372	112.222	ug/l	100
12) 1,1-Dichloroethene	2.37	96	95666	18.844	ug/l	98
13) Acrolein	2.29	56	78317	84.945	ug/l	98
14) Allyl chloride	2.73	41	166880	19.529	ug/l	99
15) Acrylonitrile	3.15	53	312877	103.108	ug/l	99
16) Acetone	2.45	43	283540	100.778	ug/l	97
17) Carbon Disulfide	2.57	76	205696	15.310	ug/l	100
18) Methyl Acetate	2.78	43	186916	22.593	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	342793	20.344	ug/l	96
20) Methylene Chloride	2.86	84	116574	20.037	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	102477	18.218	ug/l	99
22) Diisopropyl ether	3.87	45	324306	20.745	ug/l	96
23) Vinyl Acetate	3.82	43	1283441	100.366	ug/l	100
24) 1,1-Dichloroethane	3.70	63	179289	19.212	ug/l	99
25) 2-Butanone	4.70	43	405661	102.503	ug/l	98
26) 2,2-Dichloropropane	4.59	77	130593	18.116	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	121687	19.607	ug/l	99
28) Bromochloromethane	5.01	49	79262	18.999	ug/l	100
29) Tetrahydrofuran	5.15	42	269769	103.496	ug/l	98
30) Chloroform	5.21	83	190560	19.718	ug/l	97
31) Cyclohexane	5.57	56	156423	18.450	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	156817	19.217	ug/l	99
36) 1,1-Dichloropropene	5.81	75	134564	19.424	ug/l	98
37) Ethyl Acetate	4.85	43	151258	20.977	ug/l	99
38) Carbon Tetrachloride	5.78	117	134975	20.048	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	169090	18.539	ug/l	96
40) Benzene	6.15	78	419945	19.942	ug/l	99
41) Methacrylonitrile	5.06	41	84368	22.038	ug/l	99
42) 1,2-Dichloroethane	6.20	62	141586	19.731	ug/l	100
43) Isopropyl Acetate	6.46	43	235247	21.442	ug/l	100
44) Trichloroethene	7.21	130	123384	19.358	ug/l	94
45) 1,2-Dichloropropane	7.52	63	104783	20.447	ug/l	99
46) Dibromomethane	7.66	93	75791	20.107	ug/l	100
47) Bromodichloromethane	7.90	83	123096	19.670	ug/l	95
48) Methyl methacrylate	7.77	41	120532	21.604	ug/l	97
49) 1,4-Dioxane	7.75	88	65072	434.528	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	785879	112.579	ug/l	98
52) Toluene	8.78	92	272915	20.061	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	130951	19.511	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	150520	20.439	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	115287	20.703	ug/l	97
56) Ethyl methacrylate	9.18	69	170290	21.637	ug/l	96
57) 1,3-Dichloropropane	9.37	76	180183	20.111	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	433614	103.644	ug/l	100
59) 2-Hexanone	9.49	43	608404	113.911	ug/l	99
60) Dibromochloromethane	9.58	129	104542	19.440	ug/l	99
61) 1,2-Dibromoethane	9.67	107	123601	20.880	ug/l	98
64) Tetrachloroethene	9.34	164	124698	20.572	ug/l	96
65) Chlorobenzene	10.13	112	324529	20.039	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	107408	21.258	ug/l	99
67) Ethyl Benzene	10.25	91	530441	20.044	ug/l	100
68) m/p-Xylenes	10.36	106	420987	40.315	ug/l	99
69) o-Xylene	10.69	106	208694	20.239	ug/l	99
70) Styrene	10.71	104	331261	20.306	ug/l	98
71) Bromoform	10.85	173	76892	19.826	ug/l #	98
73) Isopropylbenzene	11.02	105	551728	19.745	ug/l	99
74) N-amyl acetate	10.90	43	221647	22.160	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	177091	21.310	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	163000m	21.474	ug/l	
77) Bromobenzene	11.26	156	151183	20.012	ug/l	99
78) n-propylbenzene	11.36	91	614400	19.967	ug/l	98
79) 2-Chlorotoluene	11.42	91	363394	19.488	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	455737	19.801	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	38579	18.390	ug/l	90
82) 4-Chlorotoluene	11.51	91	422017	19.730	ug/l	100
83) tert-Butylbenzene	11.77	119	463535	20.123	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	471214	19.465	ug/l	98
85) sec-Butylbenzene	11.94	105	565721	20.031	ug/l	100
86) p-Isopropyltoluene	12.06	119	500440	20.158	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	273234	20.068	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	270319	19.368	ug/l	98
89) n-Butylbenzene	12.38	91	415127	19.648	ug/l	99
90) Hexachloroethane	12.60	117	65611	19.068	ug/l	93
91) 1,2-Dichlorobenzene	12.39	146	273598	20.088	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	35708	20.766	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	190660	20.294	ug/l	97
94) Hexachlorobutadiene	13.78	225	91119	20.577	ug/l	99
95) Naphthalene	13.83	128	599783	20.003	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	198675	20.482	ug/l	95

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

