

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121018\
 Data File : VX006388.D
 Acq On : 11 Dec 2018 00:12
 Operator : JC/MD
 Sample : VX1210WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBS02

Manual Integrations
 APPROVED

MMDadoda
 12/11/2018 10:54:17 AM

Quant Time: Dec 11 05:42:53 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	5.66	168	576412	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	899857	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	809734	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	414046	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	304952	51.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.66%	
35) Dibromofluoromethane	5.50	113	287332	49.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.64%	
50) Toluene-d8	8.71	98	1030272	48.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.24%	
62) 4-Bromofluorobenzene	11.13	95	392576	49.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	110247	19.534	ug/l	100
3) Chloromethane	1.33	50	106469	18.357	ug/l	96
4) Vinyl Chloride	1.41	62	118106	18.921	ug/l	97
5) Bromomethane	1.64	94	102604	23.718	ug/l	95
6) Chloroethane	1.73	64	75242	19.659	ug/l	96
7) Trichlorofluoromethane	1.93	101	181005	18.890	ug/l	96
8) Diethyl Ether	2.19	74	71214	19.638	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.38	101	102446	18.803	ug/l	98
10) Methyl Iodide	2.51	142	151178	18.412	ug/l	99
11) Tert butyl alcohol	3.07	59	159001	98.807	ug/l	99
12) 1,1-Dichloroethene	2.37	96	97320	18.659	ug/l	94
13) Acrolein	2.30	56	83949	95.447	ug/l	100
14) Allyl chloride	2.73	41	173186	16.809	ug/l	99
15) Acrylonitrile	3.15	53	325096	96.812	ug/l	99
16) Acetone	2.45	43	265295	96.071	ug/l	99
17) Carbon Disulfide	2.57	76	252679	15.722	ug/l	97
18) Methyl Acetate	2.78	43	186671	20.214	ug/l	96
19) Methyl tert-butyl Ether	3.20	73	365833	19.661	ug/l	97
20) Methylene Chloride	2.86	84	113936	19.387	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	106865	19.226	ug/l	92
22) Diisopropyl ether	3.87	45	319053	19.825	ug/l	98
23) Vinyl Acetate	3.82	43	1305872	95.138	ug/l	99
24) 1,1-Dichloroethane	3.70	63	184655	20.075	ug/l	97
25) 2-Butanone	4.70	43	394745	100.185	ug/l	98
26) 2,2-Dichloropropane	4.59	77	134306	15.821	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	126665	20.430	ug/l	96
28) Bromochloromethane	5.01	49	82003	20.410	ug/l	100
29) Tetrahydrofuran	5.15	42	268611	98.090	ug/l	97
30) Chloroform	5.22	83	197305	20.411	ug/l	97
31) Cyclohexane	5.57	56	153640	18.074	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	176376	19.177	ug/l	98
36) 1,1-Dichloropropene	5.80	75	138318	18.253	ug/l	99
37) Ethyl Acetate	4.85	43	153385	18.075	ug/l	97
38) Carbon Tetrachloride	5.78	117	159926	17.940	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	169243	17.206	ug/l	96
40) Benzene	6.14	78	437003	19.255	ug/l	99
41) Methacrylonitrile	5.06	41	83850	17.957	ug/l	97
42) 1,2-Dichloroethane	6.20	62	150152	20.214	ug/l	99
43) Isopropyl Acetate	6.46	43	249482	17.633	ug/l	99
44) Trichloroethene	7.21	130	127953	18.610	ug/l	93
45) 1,2-Dichloropropane	7.51	63	109157	18.924	ug/l	100
46) Dibromomethane	7.66	93	79041	18.973	ug/l	95
47) Bromodichloromethane	7.90	83	145940	18.090	ug/l	98
48) Methyl methacrylate	7.77	41	124022	18.018	ug/l	97
49) 1,4-Dioxane	7.75	88	65761	387.636	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	780478	94.757	ug/l	97
52) Toluene	8.79	92	285781	19.139	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	152466	16.160	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	166502	16.995	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	119998	19.782	ug/l	100
56) Ethyl methacrylate	9.18	69	180115	18.993	ug/l	96
57) 1,3-Dichloropropane	9.37	76	188772	19.680	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	463743	96.367	ug/l	99
59) 2-Hexanone	9.49	43	596390	94.774	ug/l	99
60) Dibromochloromethane	9.58	129	128574	17.189	ug/l	99
61) 1,2-Dibromoethane	9.67	107	127296	18.768	ug/l	98
64) Tetrachloroethene	9.33	164	119836	19.652	ug/l	97
65) Chlorobenzene	10.14	112	338933	19.718	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	122610	18.359	ug/l	99
67) Ethyl Benzene	10.25	91	551286	19.284	ug/l	98
68) m/p-Xylenes	10.36	106	437440	38.199	ug/l	98
69) o-Xylene	10.70	106	216033	19.098	ug/l	100
70) Styrene	10.71	104	347590	18.999	ug/l	99
71) Bromoform	10.86	173	98075	15.557	ug/l #	98
73) Isopropylbenzene	11.02	105	573415	20.054	ug/l	100
74) N-amyl acetate	10.90	43	222978	18.109	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	185113	20.236	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	166614m	20.848	ug/l	
77) Bromobenzene	11.26	156	154528	19.474	ug/l	96
78) n-propylbenzene	11.36	91	623480	19.616	ug/l	100
79) 2-Chlorotoluene	11.42	91	379676	20.098	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	474172	19.931	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	50087	14.708	ug/l	88
82) 4-Chlorotoluene	11.51	91	430134	19.583	ug/l	99
83) tert-Butylbenzene	11.77	119	498520	19.639	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	487791	19.856	ug/l	100
85) sec-Butylbenzene	11.94	105	566448	19.616	ug/l	100
86) p-Isopropyltoluene	12.07	119	509931	19.610	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	279152	19.771	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	279413	19.497	ug/l	99
89) n-Butylbenzene	12.39	91	415720	18.737	ug/l	100
90) Hexachloroethane	12.60	117	88383	16.677	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	282193	20.138	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	40182	17.136	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	191957	18.776	ug/l	99
94) Hexachlorobutadiene	13.78	225	83947	18.567	ug/l	100
95) Naphthalene	13.83	128	625810	19.679	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	193571	19.116	ug/l	99

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

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