

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121718\
 Data File : VX006563.D
 Acq On : 17 Dec 2018 10:59
 Operator : JC/MD
 Sample : VX1217WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1217WBS01

Manual Integrations
 APPROVED

MMDadoda
 12/18/2018 9:44:43 AM

Quant Time: Dec 18 00:52:44 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	601490	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	923490	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	834367	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	441170	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	302802	49.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.62%	
35) Dibromofluoromethane	5.50	113	277026	46.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.66%	
50) Toluene-d8	8.71	98	1005444	46.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.46%	
62) 4-Bromofluorobenzene	11.13	95	386049	47.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	112627	19.124	ug/l	95
3) Chloromethane	1.33	50	114145	18.860	ug/l	95
4) Vinyl Chloride	1.41	62	123085	18.896	ug/l	99
5) Bromomethane	1.64	94	106239	23.534	ug/l	99
6) Chloroethane	1.72	64	79421	19.886	ug/l	98
7) Trichlorofluoromethane	1.93	101	198272	19.830	ug/l	100
8) Diethyl Ether	2.19	74	74411	19.664	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.39	101	116493	20.490	ug/l	98
10) Methyl Iodide	2.51	142	142026	16.576	ug/l	100
11) Tert butyl alcohol	3.06	59	148158	88.230	ug/l	99
12) 1,1-Dichloroethene	2.38	96	106327	19.536	ug/l	89
13) Acrolein	2.29	56	82882	90.305	ug/l	99
14) Allyl chloride	2.73	41	185194	17.225	ug/l	97
15) Acrylonitrile	3.15	53	324817	92.696	ug/l	99
16) Acetone	2.45	43	300556	104.303	ug/l	99
17) Carbon Disulfide	2.57	76	301532	17.979	ug/l	99
18) Methyl Acetate	2.78	43	180079	18.687	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	365513	18.825	ug/l	99
20) Methylene Chloride	2.86	84	117452	19.152	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	111479	19.220	ug/l	95
22) Diisopropyl ether	3.87	45	348714	20.765	ug/l	96
23) Vinyl Acetate	3.82	43	1424702	99.468	ug/l	97
24) 1,1-Dichloroethane	3.70	63	202867	21.135	ug/l	99
25) 2-Butanone	4.70	43	422008	102.638	ug/l	99
26) 2,2-Dichloropropane	4.58	77	165243	18.654	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	132167	20.429	ug/l	99
28) Bromochloromethane	5.02	49	82748	19.737	ug/l	96
29) Tetrahydrofuran	5.15	42	274475	96.052	ug/l	97
30) Chloroform	5.21	83	209410	20.761	ug/l	94
31) Cyclohexane	5.57	56	180780	20.380	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	185438	19.322	ug/l	98
36) 1,1-Dichloropropene	5.79	75	155570	20.005	ug/l	99
37) Ethyl Acetate	4.85	43	156264	17.943	ug/l	98
38) Carbon Tetrachloride	5.78	117	160610	17.556	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	206766	20.483	ug/l	97
40) Benzene	6.14	78	466537	20.030	ug/l	100
41) Methacrylonitrile	5.06	41	88952	18.562	ug/l	100
42) 1,2-Dichloroethane	6.20	62	159089	20.869	ug/l	100
43) Isopropyl Acetate	6.46	43	248063	17.084	ug/l	99
44) Trichloroethene	7.21	130	137850	19.536	ug/l	96
45) 1,2-Dichloropropane	7.51	63	113267	19.134	ug/l	97
46) Dibromomethane	7.66	93	83821	19.606	ug/l	95
47) Bromodichloromethane	7.90	83	151888	18.345	ug/l	98
48) Methyl methacrylate	7.77	41	124969	17.691	ug/l	98
49) 1,4-Dioxane	7.75	88	67793	389.388	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	823498	97.422	ug/l	100
52) Toluene	8.79	92	306359	19.992	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	166154	17.160	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	181001	18.002	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	128058	20.570	ug/l	99
56) Ethyl methacrylate	9.18	69	169656	17.432	ug/l	99
57) 1,3-Dichloropropane	9.37	76	201881	20.508	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	417624	84.563	ug/l	100
59) 2-Hexanone	9.49	43	629590	97.489	ug/l	99
60) Dibromochloromethane	9.59	129	128671	16.762	ug/l	98
61) 1,2-Dibromoethane	9.67	107	136753	19.646	ug/l	100
64) Tetrachloroethene	9.34	164	132484	21.084	ug/l	96
65) Chlorobenzene	10.14	112	360216	20.338	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	118652	17.242	ug/l	99
67) Ethyl Benzene	10.25	91	592682	20.119	ug/l	100
68) m/p-Xylenes	10.36	106	481401	40.796	ug/l	99
69) o-Xylene	10.70	106	233389	20.024	ug/l	97
70) Styrene	10.71	104	372858	19.779	ug/l	99
71) Bromoform	10.86	173	97186	14.961	ug/l #	98
73) Isopropylbenzene	11.02	105	626322	20.558	ug/l	98
74) N-amyl acetate	10.90	43	204632	15.597	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	190439	19.538	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	177162m	20.805	ug/l	
77) Bromobenzene	11.26	156	166193	19.656	ug/l	97
78) n-propylbenzene	11.36	91	687196	20.291	ug/l	100
79) 2-Chlorotoluene	11.42	91	411324	20.434	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	517460	20.413	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	48755	13.436	ug/l #	80
82) 4-Chlorotoluene	11.51	91	470862	20.120	ug/l	100
83) tert-Butylbenzene	11.77	119	510417	18.872	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	528365	20.186	ug/l	100
85) sec-Butylbenzene	11.94	105	639663	20.789	ug/l	99
86) p-Isopropyltoluene	12.06	119	567679	20.489	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	296712	19.722	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	298951	19.578	ug/l	98
89) n-Butylbenzene	12.38	91	485791	20.549	ug/l	98
90) Hexachloroethane	12.60	117	84654	14.991	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	296792	19.877	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	40003	16.011	ug/l	87

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	203534	18.684	ug/l	98
94) Hexachlorobutadiene	13.78	225	96127	19.954	ug/l	98
95) Naphthalene	13.83	128	637783	18.822	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	207761	19.256	ug/l	97

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

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