

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122018\
 Data File : VX006691.D
 Acq On : 20 Dec 2018 22:54
 Operator : JC/MD
 Sample : VX1220WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1220WBS02

Manual Integrations
 APPROVED

MMDadoda
 12/21/2018 10:19:22 AM

Quant Time: Dec 21 04:43:16 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	569814	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	886503	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	818243	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	414368	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	318763	51.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.82%	
35) Dibromofluoromethane	5.50	113	282666	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
50) Toluene-d8	8.71	98	1076864	50.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.90%	
62) 4-Bromofluorobenzene	11.13	95	387953	50.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	95558	18.331	ug/l	99
3) Chloromethane	1.33	50	103830	18.488	ug/l	98
4) Vinyl Chloride	1.41	62	116389	19.843	ug/l	99
5) Bromomethane	1.64	94	107965	18.518	ug/l	95
6) Chloroethane	1.73	64	77436	19.067	ug/l	97
7) Trichlorofluoromethane	1.93	101	182559	19.963	ug/l	99
8) Diethyl Ether	2.19	74	70476	19.403	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	104475	19.458	ug/l	99
10) Methyl Iodide	2.51	142	150576	19.591	ug/l	99
11) Tert butyl alcohol	3.07	59	151509	110.546	ug/l	99
12) 1,1-Dichloroethene	2.38	96	100326	19.706	ug/l	97
13) Acrolein	2.30	56	73264	79.240	ug/l	99
14) Allyl chloride	2.73	41	167606	19.558	ug/l	98
15) Acrylonitrile	3.15	53	323336	106.254	ug/l	98
16) Acetone	2.45	43	273706	97.008	ug/l	100
17) Carbon Disulfide	2.57	76	220521	16.368	ug/l	99
18) Methyl Acetate	2.78	43	181258	21.848	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	351295	20.790	ug/l	99
20) Methylene Chloride	2.86	84	116354	19.943	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	107157	18.996	ug/l	96
22) Diisopropyl ether	3.87	45	331718	21.159	ug/l	99
23) Vinyl Acetate	3.82	43	1279924	99.809	ug/l	100
24) 1,1-Dichloroethane	3.70	63	182478	19.498	ug/l	98
25) 2-Butanone	4.70	43	409898	103.282	ug/l	100
26) 2,2-Dichloropropane	4.59	77	112647	15.582	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	128781	20.692	ug/l	94
28) Bromochloromethane	5.02	49	84863	20.414	ug/l	98
29) Tetrahydrofuran	5.15	42	276074	105.616	ug/l	99
30) Chloroform	5.21	83	198577	20.490	ug/l	97
31) Cyclohexane	5.57	56	163042	19.176	ug/l	93
32) 1,1,1-Trichloroethane	5.50	97	161806	19.773	ug/l	99
36) 1,1-Dichloropropene	5.80	75	142214	19.369	ug/l	99
37) Ethyl Acetate	4.85	43	155715	20.376	ug/l	99
38) Carbon Tetrachloride	5.78	117	135212	18.949	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	178155	18.430	ug/l	97
40) Benzene	6.15	78	450860	20.201	ug/l	97
41) Methacrylonitrile	5.06	41	86519	21.324	ug/l	99
42) 1,2-Dichloroethane	6.20	62	155167	20.403	ug/l	98
43) Isopropyl Acetate	6.46	43	233465	20.078	ug/l	99
44) Trichloroethene	7.21	130	131588	19.480	ug/l	94
45) 1,2-Dichloropropane	7.51	63	109035	20.076	ug/l	98
46) Dibromomethane	7.66	93	78664	19.691	ug/l	100
47) Bromodichloromethane	7.90	83	124507	18.773	ug/l	97
48) Methyl methacrylate	7.77	41	124213	21.007	ug/l	99
49) 1,4-Dioxane	7.75	88	64625	405.906	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	800830	108.245	ug/l	99
52) Toluene	8.79	92	295186	20.473	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	124333	17.479	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	146519	18.773	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	118328	20.050	ug/l	98
56) Ethyl methacrylate	9.18	69	172513	20.682	ug/l	100
57) 1,3-Dichloropropane	9.37	76	192269	20.249	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	444558	100.262	ug/l	100
59) 2-Hexanone	9.49	43	607790	107.372	ug/l	100
60) Dibromochloromethane	9.59	129	103281	18.279	ug/l	99
61) 1,2-Dibromoethane	9.67	107	128747	20.522	ug/l	99
64) Tetrachloroethene	9.34	164	131575	20.307	ug/l	97
65) Chlorobenzene	10.14	112	340204	19.653	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	108439	20.078	ug/l	98
67) Ethyl Benzene	10.25	91	551708	19.504	ug/l	99
68) m/p-Xylenes	10.36	106	443055	39.694	ug/l	99
69) o-Xylene	10.70	106	214339	19.446	ug/l	97
70) Styrene	10.71	104	345551	19.816	ug/l	99
71) Bromoform	10.86	173	70890	17.713	ug/l #	100
73) Isopropylbenzene	11.02	105	574392	20.262	ug/l	99
74) N-amyl acetate	10.90	43	212660	20.958	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	178366	21.157	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	164522m	21.365	ug/l	
77) Bromobenzene	11.26	156	153174	19.986	ug/l	98
78) n-propylbenzene	11.36	91	633524	20.294	ug/l	99
79) 2-Chlorotoluene	11.42	91	378608	20.014	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	479585	20.540	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	32738	16.075	ug/l #	80
82) 4-Chlorotoluene	11.51	91	431958	19.906	ug/l	100
83) tert-Butylbenzene	11.77	119	469836	20.105	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	487244	19.840	ug/l	99
85) sec-Butylbenzene	11.94	105	573979	20.033	ug/l	100
86) p-Isopropyltoluene	12.06	119	509144	20.216	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	275763	19.965	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	273336	19.304	ug/l	97
89) n-Butylbenzene	12.39	91	420562	19.621	ug/l	99
90) Hexachloroethane	12.60	117	64163	18.499	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	274095	19.837	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	32693	18.741	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	181849	19.080	ug/l	99
94) Hexachlorobutadiene	13.78	225	82018	18.257	ug/l	98
95) Naphthalene	13.83	128	591982	19.461	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	187659	19.070	ug/l	99

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

