

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111218\
 Data File : VX005900.D
 Acq On : 12 Nov 2018 15:08
 Operator : JC/MD
 Sample : VX1112WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1112WBS01

Manual Integrations
 APPROVED

MMDadoda
 11/13/2018 11:47:04 AM

Quant Time: Nov 13 05:45:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	117716	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	168468	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	155509	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	84456	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	69269	51.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.38%	
35) Dibromofluoromethane	5.50	113	55793	48.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.38%	
50) Toluene-d8	8.71	98	209307	54.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.88%	
62) 4-Bromofluorobenzene	11.14	95	77510	56.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.18%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	19625	18.491	ug/l	99
3) Chloromethane	1.32	50	25941	18.624	ug/l	99
4) Vinyl Chloride	1.41	62	26405	18.884	ug/l	97
5) Bromomethane	1.64	94	16506	19.289	ug/l	91
6) Chloroethane	1.72	64	16255	19.483	ug/l	98
7) Trichlorofluoromethane	1.93	101	36653	19.747	ug/l	98
8) Diethyl Ether	2.19	74	15127	20.799	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	21172	19.833	ug/l	98
10) Methyl Iodide	2.51	142	24440	18.890	ug/l	96
11) Tert butyl alcohol	3.06	59	38123	98.338	ug/l	99
12) 1,1-Dichloroethene	2.37	96	19974	19.197	ug/l	97
13) Acrolein	2.29	56	26743	152.750	ug/l	97
14) Allyl chloride	2.73	41	46021	19.804	ug/l	97
15) Acrylonitrile	3.15	53	82813	103.077	ug/l	98
16) Acetone	2.45	43	69673	95.619	ug/l	98
17) Carbon Disulfide	2.57	76	58289	18.781	ug/l	99
18) Methyl Acetate	2.78	43	43321	21.335	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	74784	21.059	ug/l	99
20) Methylene Chloride	2.85	84	23480	19.617	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	21778	19.844	ug/l	99
22) Diisopropyl ether	3.87	45	79385	19.501	ug/l #	95
23) Vinyl Acetate	3.82	43	343372	98.377	ug/l	100
24) 1,1-Dichloroethane	3.70	63	43941	20.232	ug/l	99
25) 2-Butanone	4.70	43	111059	96.948	ug/l	99
26) 2,2-Dichloropropane	4.57	77	32181	20.199	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	23837	19.671	ug/l	98
28) Bromochloromethane	5.02	49	20366	20.982	ug/l	96
29) Tetrahydrofuran	5.15	42	72542	98.625	ug/l	97
30) Chloroform	5.21	83	39989	19.085	ug/l	96
31) Cyclohexane	5.58	56	36834	19.538	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	34470	19.723	ug/l	100
36) 1,1-Dichloropropene	5.80	75	28785	17.724	ug/l	98
37) Ethyl Acetate	4.85	43	40721	19.067	ug/l	100
38) Carbon Tetrachloride	5.78	117	29784	18.319	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	33990	20.650	ug/l	97
40) Benzene	6.15	78	89845	18.977	ug/l	94
41) Methacrylonitrile	5.06	41	21572	18.693	ug/l	98
42) 1,2-Dichloroethane	6.20	62	32061	18.906	ug/l	98
43) Isopropyl Acetate	6.46	43	62632	20.239	ug/l	99
44) Trichloroethene	7.21	130	23960	19.928	ug/l	99
45) 1,2-Dichloropropane	7.52	63	24089	20.962	ug/l	99
46) Dibromomethane	7.66	93	15338	21.270	ug/l	99
47) Bromodichloromethane	7.90	83	28780	21.118	ug/l	97
48) Methyl methacrylate	7.77	41	30138	21.689	ug/l	98
49) 1,4-Dioxane	7.75	88	12869	429.786	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	202841	104.002	ug/l	99
52) Toluene	8.79	92	55017	20.792	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	31613	19.657	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	35036	21.374	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	22893	19.413	ug/l	97
56) Ethyl methacrylate	9.18	69	34649	19.637	ug/l	99
57) 1,3-Dichloropropane	9.37	76	38137	19.244	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	103637	112.497	ug/l	100
59) 2-Hexanone	9.49	43	160095	93.124	ug/l	100
60) Dibromochloromethane	9.59	129	22841	17.921	ug/l	99
61) 1,2-Dibromoethane	9.67	107	23785	18.240	ug/l	100
64) Tetrachloroethene	9.34	164	26339	19.894	ug/l	99
65) Chlorobenzene	10.14	112	61870	19.860	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	22341	20.627	ug/l	99
67) Ethyl Benzene	10.25	91	104103	20.839	ug/l	99
68) m/p-Xylenes	10.36	106	80684	42.343	ug/l	100
69) o-Xylene	10.70	106	38614	22.599	ug/l	100
70) Styrene	10.71	104	64012	22.710	ug/l	99
71) Bromoform	10.86	173	18398	20.264	ug/l #	97
73) Isopropylbenzene	11.02	105	106091	21.722	ug/l	100
74) N-amyl acetate	10.90	43	50510	19.221	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	36211	20.200	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	35007m	20.356	ug/l	
77) Bromobenzene	11.26	156	28202	20.487	ug/l	99
78) n-propylbenzene	11.36	91	121468	21.103	ug/l	100
79) 2-Chlorotoluene	11.42	91	73329	21.077	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	89879	21.656	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	10707	19.843	ug/l	98
82) 4-Chlorotoluene	11.51	91	86879	21.189	ug/l	99
83) tert-Butylbenzene	11.77	119	87033	20.728	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	92596	20.145	ug/l	100
85) sec-Butylbenzene	11.94	105	107436	20.924	ug/l	100
86) p-Isopropyltoluene	12.07	119	96577	21.235	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	52345	19.813	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	53459	19.767	ug/l	99
89) n-Butylbenzene	12.39	91	83973	19.922	ug/l	100
90) Hexachloroethane	12.60	117	14421	18.992	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	52020	19.655	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	8636	19.742	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	38763	20.805	ug/l	99
94) Hexachlorobutadiene	13.78	225	19073	19.488	ug/l	100
95) Naphthalene	13.83	128	121338	20.677	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	39940	21.042	ug/l	100

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

