

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112118\
 Data File : VX006122.D
 Acq On : 21 Nov 2018 14:20
 Operator : JC/MD
 Sample : VX1121WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBS01

Manual Integrations
 APPROVED

MMDadoda
 11/26/2018 10:52:24 AM

Quant Time: Nov 22 02:59:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 08:15:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	325857	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	473039	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	441960	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	235770	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	192060	50.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.74%	
35) Dibromofluoromethane	5.50	113	152842	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	
50) Toluene-d8	8.71	98	583811	50.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.82%	
62) 4-Bromofluorobenzene	11.13	95	214785	49.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	45221	18.675	ug/l	96
3) Chloromethane	1.32	50	62036	20.280	ug/l	98
4) Vinyl Chloride	1.41	62	60047	19.299	ug/l	99
5) Bromomethane	1.64	94	40645	19.438	ug/l	98
6) Chloroethane	1.72	64	33913	26.660	ug/l	100
7) Trichlorofluoromethane	1.93	101	79036	19.418	ug/l	99
8) Diethyl Ether	2.19	74	33144	19.263	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	46018	19.066	ug/l	99
10) Methyl Iodide	2.51	142	58842	19.445	ug/l	98
11) Tert butyl alcohol	3.06	59	80552	100.285	ug/l	100
12) 1,1-Dichloroethene	2.37	96	44545	18.932	ug/l	96
13) Acrolein	2.29	56	44581	92.753	ug/l	97
14) Allyl chloride	2.73	41	94075	19.543	ug/l	100
15) Acrylonitrile	3.15	53	172709	97.348	ug/l	99
16) Acetone	2.45	43	160625	95.865	ug/l	99
17) Carbon Disulfide	2.57	76	119234	18.767	ug/l	97
18) Methyl Acetate	2.78	43	87878	20.452	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	160960	19.791	ug/l	99
20) Methylene Chloride	2.85	84	51938	20.273	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	48023	19.507	ug/l	98
22) Diisopropyl ether	3.87	45	212649	20.635	ug/l	94
23) Vinyl Acetate	3.82	43	883090	103.293	ug/l	99
24) 1,1-Dichloroethane	3.70	63	96473	19.871	ug/l	98
25) 2-Butanone	4.70	43	306282	98.483	ug/l	98
26) 2,2-Dichloropropane	4.58	77	78566	19.635	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	65881	19.147	ug/l	95
28) Bromochloromethane	5.02	49	56496	19.966	ug/l	99
29) Tetrahydrofuran	5.15	42	199015	102.581	ug/l	100
30) Chloroform	5.21	83	113322	19.262	ug/l	97
31) Cyclohexane	5.57	56	96964	19.121	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	94543	19.902	ug/l	100
36) 1,1-Dichloropropene	5.80	75	83290	19.354	ug/l	99
37) Ethyl Acetate	4.85	43	110397	19.939	ug/l	99
38) Carbon Tetrachloride	5.78	117	78075	19.302	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	91486	18.660	ug/l	99
40) Benzene	6.14	78	251769	19.857	ug/l	99
41) Methacrylonitrile	5.06	41	60994	19.990	ug/l	100
42) 1,2-Dichloroethane	6.20	62	92120	19.434	ug/l	100
43) Isopropyl Acetate	6.46	43	160253	20.042	ug/l	99
44) Trichloroethene	7.21	130	69462	19.712	ug/l	99
45) 1,2-Dichloropropane	7.52	63	65724	19.587	ug/l	98
46) Dibromomethane	7.66	93	45365	19.742	ug/l	98
47) Bromodichloromethane	7.90	83	80862	19.026	ug/l	98
48) Methyl methacrylate	7.77	41	83319	20.546	ug/l	100
49) 1,4-Dioxane	7.75	88	36628	380.712	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	580424	101.256	ug/l	100
52) Toluene	8.78	92	159379	20.323	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	84150	18.974	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	94286	19.231	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	66258	19.509	ug/l	99
56) Ethyl methacrylate	9.18	69	92268	19.311	ug/l	98
57) 1,3-Dichloropropane	9.37	76	109118	19.491	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	276760	97.962	ug/l	99
59) 2-Hexanone	9.49	43	454183	99.838	ug/l	99
60) Dibromochloromethane	9.59	129	62305	18.711	ug/l	99
61) 1,2-Dibromoethane	9.67	107	69193	19.775	ug/l	99
64) Tetrachloroethene	9.34	164	75138	20.659	ug/l	99
65) Chlorobenzene	10.14	112	182191	20.097	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	60121	19.317	ug/l	100
67) Ethyl Benzene	10.25	91	300584	20.250	ug/l	99
68) m/p-Xylenes	10.36	106	234377	40.550	ug/l	99
69) o-Xylene	10.70	106	111684	20.229	ug/l	100
70) Styrene	10.71	104	183722	20.409	ug/l	99
71) Bromoform	10.86	173	49178	17.652	ug/l #	99
73) Isopropylbenzene	11.02	105	308438	21.621	ug/l	100
74) N-amyl acetate	10.90	43	133423	19.737	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	103270	19.209	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	101706m	20.953	ug/l	
77) Bromobenzene	11.26	156	81371	20.362	ug/l	99
78) n-propylbenzene	11.36	91	353706	21.291	ug/l	100
79) 2-Chlorotoluene	11.42	91	211159	21.009	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	257522	21.411	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	26700	18.604	ug/l	93
82) 4-Chlorotoluene	11.51	91	247862	21.132	ug/l	99
83) tert-Butylbenzene	11.77	119	244632	20.834	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	265597	21.649	ug/l	99
85) sec-Butylbenzene	11.94	105	304796	21.222	ug/l	99
86) p-Isopropyltoluene	12.07	119	266701	20.828	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	149314	20.264	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	150346	19.683	ug/l	98
89) n-Butylbenzene	12.39	91	233991	20.183	ug/l	99
90) Hexachloroethane	12.60	117	37367	18.287	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	149533	19.850	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	23404	18.761	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	107598	20.276	ug/l	99
94) Hexachlorobutadiene	13.78	225	50665	19.590	ug/l	99
95) Naphthalene	13.83	128	336983	21.595	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	109999	20.332	ug/l	98

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

