

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120518\
 Data File : VX006305.D
 Acq On : 05 Dec 2018 17:18
 Operator : JC/MD
 Sample : VX1205WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1205WBSD01

Manual Integrations
 APPROVED

MMDadoda
 12/7/2018 10:42:06 AM

Quant Time: Dec 06 01:06:35 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	5.67	168	665237	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1007415	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	902312	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	447740	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	335626	49.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.84%	
35) Dibromofluoromethane	5.50	113	324069	49.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.36%	
50) Toluene-d8	8.71	98	1155525	48.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.40%	
62) 4-Bromofluorobenzene	11.13	95	421385	47.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	133585	20.509	ug/l	100
3) Chloromethane	1.33	50	122111	18.243	ug/l	99
4) Vinyl Chloride	1.41	62	137119	19.034	ug/l	98
5) Bromomethane	1.64	94	94679	18.964	ug/l	99
6) Chloroethane	1.72	64	84677	19.170	ug/l	99
7) Trichlorofluoromethane	1.93	101	213317	19.290	ug/l	96
8) Diethyl Ether	2.19	74	80110	19.141	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	122707	19.514	ug/l	99
10) Methyl Iodide	2.51	142	144610	15.260	ug/l	99
11) Tert butyl alcohol	3.07	59	169391	91.208	ug/l	99
12) 1,1-Dichloroethene	2.38	96	114365	18.999	ug/l	91
13) Acrolein	2.29	56	97609	96.160	ug/l	99
14) Allyl chloride	2.73	41	211484	17.785	ug/l	98
15) Acrylonitrile	3.15	53	359960	92.881	ug/l	100
16) Acetone	2.45	43	303173	95.129	ug/l	100
17) Carbon Disulfide	2.57	76	318805	17.188	ug/l	99
18) Methyl Acetate	2.78	43	207208	19.442	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	415705	19.359	ug/l	99
20) Methylene Chloride	2.86	84	130380	19.223	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	119721	18.663	ug/l	97
22) Diisopropyl ether	3.87	45	368994	19.867	ug/l	97
23) Vinyl Acetate	3.82	43	1523444	96.170	ug/l	99
24) 1,1-Dichloroethane	3.70	63	207751	19.570	ug/l	99
25) 2-Butanone	4.70	43	443906	97.619	ug/l	100
26) 2,2-Dichloropropane	4.58	77	179237	18.295	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	142958	19.979	ug/l	98
28) Bromochloromethane	5.02	49	95267	20.545	ug/l	98
29) Tetrahydrofuran	5.15	42	298437	94.430	ug/l	98
30) Chloroform	5.21	83	226140	20.271	ug/l	100
31) Cyclohexane	5.57	56	186557	19.016	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	209671	19.753	ug/l	99
36) 1,1-Dichloropropene	5.80	75	161902	19.084	ug/l	100
37) Ethyl Acetate	4.85	43	177344	18.667	ug/l	98
38) Carbon Tetrachloride	5.79	117	189222	18.960	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	205835	18.692	ug/l	96
40) Benzene	6.14	78	501001	19.718	ug/l	100
41) Methacrylonitrile	5.06	41	96521	18.464	ug/l	99
42) 1,2-Dichloroethane	6.20	62	168551	20.269	ug/l	100
43) Isopropyl Acetate	6.46	43	288864	18.236	ug/l	99
44) Trichloroethene	7.21	130	148503	19.293	ug/l	99
45) 1,2-Dichloropropane	7.52	63	125390	19.417	ug/l	98
46) Dibromomethane	7.66	93	92272	19.784	ug/l	97
47) Bromodichloromethane	7.90	83	172455	19.094	ug/l	99
48) Methyl methacrylate	7.77	41	141347	18.343	ug/l	98
49) 1,4-Dioxane	7.75	88	70835	372.966	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	866740	93.995	ug/l	99
52) Toluene	8.79	92	321923	19.258	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	187452	17.747	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	200281	18.260	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	134483	19.803	ug/l	99
56) Ethyl methacrylate	9.18	69	204911	19.301	ug/l	98
57) 1,3-Dichloropropane	9.37	76	211431	19.689	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	519314	96.393	ug/l	100
59) 2-Hexanone	9.49	43	650375	92.318	ug/l	99
60) Dibromochloromethane	9.59	129	156689	18.711	ug/l	98
61) 1,2-Dibromoethane	9.67	107	145608	19.175	ug/l	99
64) Tetrachloroethene	9.34	164	135001	19.867	ug/l	98
65) Chlorobenzene	10.14	112	373728	19.512	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	142008	19.082	ug/l	99
67) Ethyl Benzene	10.25	91	616312	19.346	ug/l	100
68) m/p-Xylenes	10.36	106	489541	38.362	ug/l	99
69) o-Xylene	10.70	106	244096	19.365	ug/l	100
70) Styrene	10.71	104	385883	18.928	ug/l	98
71) Bromoform	10.86	173	117342	16.703	ug/l	99
73) Isopropylbenzene	11.02	105	642014	20.763	ug/l	99
74) N-amyl acetate	10.90	43	255222	19.168	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	199143	20.132	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	189555m	21.934	ug/l	
77) Bromobenzene	11.26	156	171393	19.974	ug/l	98
78) n-propylbenzene	11.36	91	703331	20.463	ug/l	100
79) 2-Chlorotoluene	11.42	91	415861	20.357	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	528130	20.529	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	62937	17.090	ug/l	92
82) 4-Chlorotoluene	11.51	91	474117	19.961	ug/l	100
83) tert-Butylbenzene	11.77	119	562014	20.475	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	542089	20.406	ug/l	100
85) sec-Butylbenzene	11.94	105	638024	20.432	ug/l	99
86) p-Isopropyltoluene	12.06	119	572211	20.349	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	300634	19.690	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	297142	19.174	ug/l	98
89) n-Butylbenzene	12.39	91	475945	19.837	ug/l	100
90) Hexachloroethane	12.60	117	106592	18.599	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	299100	19.738	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	43989	17.348	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	212610	19.231	ug/l	99
94) Hexachlorobutadiene	13.78	225	89806	18.368	ug/l	100
95) Naphthalene	13.83	128	691217	20.100	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	214049	19.548	ug/l	99

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

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