

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102918\
 Data File : VX005679.D
 Acq On : 30 Oct 2018 00:30
 Operator : JC/MD
 Sample : VX1029WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1029WBSD02

Manual Integrations
 APPROVED

MMDadoda
 10/30/2018 11:11:29 AM

Quant Time: Oct 30 05:04:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 25 02:52:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	248346	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	360664	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	322275	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	213002	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	138897	45.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.64%	
35) Dibromofluoromethane	5.49	113	116887	47.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.72%	
50) Toluene-d8	8.71	98	413665	47.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.28%	
62) 4-Bromofluorobenzene	11.14	95	153062	46.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	60230	24.571	ug/l	90
3) Chloromethane	1.33	50	62265	19.946	ug/l	98
4) Vinyl Chloride	1.41	62	64693	21.076	ug/l	91
5) Bromomethane	1.64	94	34003	17.803	ug/l	96
6) Chloroethane	1.72	64	38056	19.407	ug/l	94
7) Trichlorofluoromethane	1.93	101	80632	18.905	ug/l	96
8) Diethyl Ether	2.19	74	33750	19.828	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	45889	18.752	ug/l	98
10) Methyl Iodide	2.51	142	46485	19.922	ug/l	97
11) Tert butyl alcohol	3.06	59	83721	102.627	ug/l	100
12) 1,1-Dichloroethene	2.37	96	44122	18.927	ug/l	95
13) Acrolein	2.29	56	36908	88.692	ug/l	99
14) Allyl chloride	2.73	41	94976	18.255	ug/l	96
15) Acrylonitrile	3.15	53	174273	95.268	ug/l	99
16) Acetone	2.45	43	156742	97.847	ug/l	98
17) Carbon Disulfide	2.57	76	130340	18.341	ug/l	98
18) Methyl Acetate	2.78	43	82758	20.037	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	162439	19.534	ug/l	99
20) Methylene Chloride	2.86	84	50386	18.780	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	47406	18.625	ug/l	99
22) Diisopropyl ether	3.87	45	177355	19.520	ug/l	98
23) Vinyl Acetate	3.82	43	750426	93.782	ug/l #	94
24) 1,1-Dichloroethane	3.70	63	94106	19.051	ug/l	99
25) 2-Butanone	4.70	43	241383	98.953	ug/l	96
26) 2,2-Dichloropropane	4.59	77	58283	15.283	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	53710	19.573	ug/l	99
28) Bromochloromethane	5.01	49	46873	19.619	ug/l	99
29) Tetrahydrofuran	5.15	42	154102	97.072	ug/l	99
30) Chloroform	5.21	83	86875	18.802	ug/l	92
31) Cyclohexane	5.58	56	79584	19.472	ug/l	85
32) 1,1,1-Trichloroethane	5.49	97	73788	18.093	ug/l	99
36) 1,1-Dichloropropene	5.80	75	66494	18.998	ug/l	98
37) Ethyl Acetate	4.85	43	87944	19.690	ug/l	99
38) Carbon Tetrachloride	5.78	117	65154	17.674	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	69994	18.110	ug/l	98
40) Benzene	6.14	78	201705	20.103	ug/l	100
41) Methacrylonitrile	5.06	41	49196	19.774	ug/l	98
42) 1,2-Dichloroethane	6.20	62	75454	19.796	ug/l	99
43) Isopropyl Acetate	6.47	43	130949	19.565	ug/l	99
44) Trichloroethene	7.21	130	51218	18.738	ug/l	98
45) 1,2-Dichloropropane	7.52	63	49053	18.185	ug/l	99
46) Dibromomethane	7.66	93	31952	18.340	ug/l	97
47) Bromodichloromethane	7.90	83	62682	18.537	ug/l	99
48) Methyl methacrylate	7.77	41	62999	19.322	ug/l	98
49) 1,4-Dioxane	7.75	88	28699	402.769	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	429230	95.425	ug/l	99
52) Toluene	8.79	92	115495	18.940	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	65322	17.874	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	71944	18.285	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	48441	18.842	ug/l	97
56) Ethyl methacrylate	9.18	69	73020	19.042	ug/l	98
57) 1,3-Dichloropropane	9.37	76	80333	18.467	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	204247	95.367	ug/l	99
59) 2-Hexanone	9.49	43	334181	94.228	ug/l	99
60) Dibromochloromethane	9.58	129	49998	18.640	ug/l	99
61) 1,2-Dibromoethane	9.67	107	50709	19.066	ug/l	100
64) Tetrachloroethene	9.33	164	52726	19.708	ug/l	98
65) Chlorobenzene	10.14	112	130349	18.994	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	47216	18.869	ug/l	99
67) Ethyl Benzene	10.25	91	219687	19.457	ug/l	99
68) m/p-Xylenes	10.36	106	168737	38.519	ug/l	99
69) o-Xylene	10.70	106	80698	19.581	ug/l	100
70) Styrene	10.71	104	135321	19.614	ug/l	100
71) Bromoform	10.86	173	39829	17.837	ug/l #	99
73) Isopropylbenzene	11.02	105	225102	17.288	ug/l	99
74) N-amyl acetate	10.90	43	104874	16.255	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	81762	17.021	ug/l	97
76) 1,2,3-Trichloropropane	11.30	75	64217m	14.229	ug/l	
77) Bromobenzene	11.26	156	61694	17.002	ug/l	98
78) n-propylbenzene	11.36	91	259307	17.417	ug/l	100
79) 2-Chlorotoluene	11.42	91	155013	16.792	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	188788	16.949	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	21472	15.546	ug/l	96
82) 4-Chlorotoluene	11.51	91	182820	16.795	ug/l	100
83) tert-Butylbenzene	11.77	119	209449	18.865	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	221431	19.615	ug/l	99
85) sec-Butylbenzene	11.94	105	262229	19.793	ug/l	100
86) p-Isopropyltoluene	12.07	119	236783	19.993	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	137664	20.175	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	137713	19.334	ug/l	98
89) n-Butylbenzene	12.39	91	208654	19.515	ug/l	98
90) Hexachloroethane	12.60	117	36447	17.843	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	136423	19.761	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	20468	17.622	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	102561	20.494	ug/l	100
94) Hexachlorobutadiene	13.79	225	50114	19.323	ug/l	98
95) Naphthalene	13.83	128	315908	21.717	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	105068	20.711	ug/l	98

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

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