

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102918\
 Data File : VX005654.D
 Acq On : 29 Oct 2018 12:25
 Operator : JC/MD
 Sample : VX1029WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1029WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/30/2018 10:50:45 AM

Quant Time: Oct 30 02:28:35 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	5.67	168	240757	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	318903	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	294888	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	169431	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	124270	42.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.56%	
35) Dibromofluoromethane	5.51	113	101721	47.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.22%	
50) Toluene-d8	8.71	98	372274	47.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.96%	
62) 4-Bromofluorobenzene	11.14	95	139997	47.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	56786	23.896	ug/l	91
3) Chloromethane	1.32	50	54959	18.160	ug/l	99
4) Vinyl Chloride	1.41	62	56401	18.954	ug/l	97
5) Bromomethane	1.64	94	32056	17.312	ug/l	98
6) Chloroethane	1.71	64	32638	17.169	ug/l	97
7) Trichlorofluoromethane	1.93	101	76510	18.504	ug/l	92
8) Diethyl Ether	2.19	74	28750	17.423	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	43584	18.371	ug/l	99
10) Methyl Iodide	2.51	142	35032	16.094	ug/l	99
11) Tert butyl alcohol	3.07	59	72188	91.279	ug/l	100
12) 1,1-Dichloroethene	2.37	96	39422	17.443	ug/l	95
13) Acrolein	2.29	56	29543	73.232	ug/l	97
14) Allyl chloride	2.73	41	87734	17.394	ug/l	97
15) Acrylonitrile	3.15	53	152887	86.212	ug/l	99
16) Acetone	2.45	43	148893	95.877	ug/l	100
17) Carbon Disulfide	2.57	76	120645	17.512	ug/l	99
18) Methyl Acetate	2.78	43	72880	18.063	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	143706	17.826	ug/l	97
20) Methylene Chloride	2.85	84	46522	17.887	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	43034	17.440	ug/l	86
22) Diisopropyl ether	3.87	45	157371	17.867	ug/l	# 95
23) Vinyl Acetate	3.82	43	720561	92.889	ug/l	99
24) 1,1-Dichloroethane	3.70	63	85242	17.800	ug/l	99
25) 2-Butanone	4.70	43	225922	95.534	ug/l	98
26) 2,2-Dichloropropane	4.57	77	67340	18.214	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	48194	18.117	ug/l	99
28) Bromochloromethane	5.01	49	40304	17.401	ug/l	93
29) Tetrahydrofuran	5.15	42	138804	90.192	ug/l	99
30) Chloroform	5.21	83	79536	17.756	ug/l	97
31) Cyclohexane	5.57	56	74269	18.745	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	75908	19.200	ug/l	94
36) 1,1-Dichloropropene	5.79	75	62314	20.135	ug/l	96
37) Ethyl Acetate	4.85	43	78469	19.869	ug/l	99
38) Carbon Tetrachloride	5.78	117	65834	20.197	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	68174	19.949	ug/l	98
40) Benzene	6.14	78	179443	20.227	ug/l	98
41) Methacrylonitrile	5.05	41	43068	19.578	ug/l	99
42) 1,2-Dichloroethane	6.20	62	66133	19.623	ug/l	99
43) Isopropyl Acetate	6.46	43	112650	19.035	ug/l	95
44) Trichloroethene	7.21	130	47028	19.458	ug/l	100
45) 1,2-Dichloropropane	7.51	63	46539	19.512	ug/l	100
46) Dibromomethane	7.66	93	30762	19.969	ug/l	99
47) Bromodichloromethane	7.90	83	58319	19.506	ug/l	96
48) Methyl methacrylate	7.77	41	55911	19.393	ug/l	99
49) 1,4-Dioxane	7.75	88	25167	399.453	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	380027	95.550	ug/l	100
52) Toluene	8.79	92	107415	19.922	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	63318	19.595	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	70611	20.296	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	43955	19.336	ug/l	98
56) Ethyl methacrylate	9.18	69	64694	19.080	ug/l	99
57) 1,3-Dichloropropane	9.37	76	73827	19.194	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	179464	94.768	ug/l	99
59) 2-Hexanone	9.49	43	304746	97.181	ug/l	100
60) Dibromochloromethane	9.59	129	46593	19.645	ug/l	97
61) 1,2-Dibromoethane	9.67	107	46342	19.706	ug/l	100
64) Tetrachloroethene	9.34	164	47921	19.576	ug/l	98
65) Chlorobenzene	10.14	112	120471	19.185	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	44395	19.389	ug/l	100
67) Ethyl Benzene	10.25	91	203443	19.692	ug/l	99
68) m/p-Xylenes	10.36	106	157588	39.315	ug/l	99
69) o-Xylene	10.70	106	75179	19.936	ug/l	100
70) Styrene	10.71	104	124850	19.777	ug/l	99
71) Bromoform	10.86	173	38147	18.670	ug/l #	100
73) Isopropylbenzene	11.02	105	210713	20.345	ug/l	99
74) N-amyl acetate	10.90	43	95161	18.543	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	70867	18.547	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	68638m	19.120	ug/l	
77) Bromobenzene	11.26	156	56286	19.500	ug/l	99
78) n-propylbenzene	11.36	91	243786	20.585	ug/l	99
79) 2-Chlorotoluene	11.42	91	144493	19.678	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	181337	20.467	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	20967	19.084	ug/l	97
82) 4-Chlorotoluene	11.51	91	170430	19.684	ug/l	99
83) tert-Butylbenzene	11.77	119	175202	19.838	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	185647	20.675	ug/l	100
85) sec-Butylbenzene	11.94	105	214036	20.310	ug/l	100
86) p-Isopropyltoluene	12.07	119	194933	20.692	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	105197	19.381	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	108026	19.067	ug/l	99
89) n-Butylbenzene	12.39	91	170434	20.040	ug/l	100
90) Hexachloroethane	12.60	117	31624	19.463	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	105358	19.186	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	17568	19.015	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	78983	19.841	ug/l	99
94) Hexachlorobutadiene	13.79	225	40470	19.618	ug/l	99
95) Naphthalene	13.83	128	230672	19.935	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	81166	20.114	ug/l	99

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

