

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX103018\
 Data File : VX005690.D
 Acq On : 30 Oct 2018 14:34
 Operator : JC/MD
 Sample : VX1030WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1030WBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/31/2018 11:07:12 AM

Quant Time: Oct 30 16:50:15 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	5.65	168	233714	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.87	114	313950	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	280811	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	155585	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	121147	42.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.92%	
35) Dibromofluoromethane	5.51	113	99670	46.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.78%	
50) Toluene-d8	8.71	98	351526	46.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.04%	
62) 4-Bromofluorobenzene	11.14	95	127619	44.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	52704	22.85	ug/l	93
3) Chloromethane	1.32	50	56737	19.31	ug/l	92
4) Vinyl Chloride	1.40	62	55111	19.08	ug/l	98
5) Bromomethane	1.64	94	29934	16.65	ug/l	98
6) Chloroethane	1.72	64	33079	17.93	ug/l	97
7) Trichlorofluoromethane	1.93	101	73314	18.27	ug/l	96
8) Diethyl Ether	2.19	74	30403	18.98	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	41964	18.22	ug/l	98
10) Methyl Iodide	2.51	142	41359	18.98	ug/l	98
11) Tert butyl alcohol	3.07	59	72152	93.98	ug/l	100
12) 1,1-Dichloroethene	2.37	96	39501	18.01	ug/l	98
13) Acrolein	2.29	56	35454	90.53	ug/l	92
14) Allyl chloride	2.73	41	87259	17.82	ug/l	97
15) Acrylonitrile	3.15	53	163747	95.12	ug/l	98
16) Acetone	2.45	43	146531	97.20	ug/l	99
17) Carbon Disulfide	2.57	76	117456	17.56	ug/l	99
18) Methyl Acetate	2.78	43	78187	20.12	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	146874	18.77	ug/l	94
20) Methylene Chloride	2.86	84	46687	18.49	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	42784	17.86	ug/l	88
22) Diisopropyl ether	3.87	45	160375	18.76	ug/l	# 95
23) Vinyl Acetate	3.82	43	706186	93.78	ug/l	99
24) 1,1-Dichloroethane	3.70	63	84404	18.16	ug/l	99
25) 2-Butanone	4.70	43	213454	92.98	ug/l	95
26) 2,2-Dichloropropane	4.59	77	64462	17.96	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	47079	18.23	ug/l	97
28) Bromochloromethane	5.02	49	38940	17.32	ug/l	96
29) Tetrahydrofuran	5.15	42	147737	98.89	ug/l	97
30) Chloroform	5.21	83	83727	19.25	ug/l	96
31) Cyclohexane	5.59	56	72164	18.76	ug/l	91
32) 1,1,1-Trichloroethane	5.49	97	70314	18.32	ug/l	99
36) 1,1-Dichloropropene	5.80	75	63060	20.70	ug/l	97
37) Ethyl Acetate	4.85	43	78245	20.13	ug/l	99
38) Carbon Tetrachloride	5.78	117	60143	18.74	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	66089	19.64	ug/l	99
40) Benzene	6.15	78	177987	20.38	ug/l	100
41) Methacrylonitrile	5.06	41	42842	19.78	ug/l	99
42) 1,2-Dichloroethane	6.20	62	64804	19.53	ug/l	100
43) Isopropyl Acetate	6.46	43	117061	20.09	ug/l	100
44) Trichloroethene	7.21	130	47894	20.13	ug/l	90
45) 1,2-Dichloropropane	7.52	63	45401	19.34	ug/l	96
46) Dibromomethane	7.66	93	28981	19.11	ug/l	98
47) Bromodichloromethane	7.90	83	55772	18.95	ug/l	97
48) Methyl methacrylate	7.77	41	54848	19.32	ug/l	98
49) 1,4-Dioxane	7.75	88	24737	398.82	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	376051	96.04	ug/l	100
52) Toluene	8.79	92	102358	19.28	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	59684	18.76	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	66232	19.34	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	43350	19.37	ug/l	96
56) Ethyl methacrylate	9.18	69	63450	19.01	ug/l	99
57) 1,3-Dichloropropane	9.37	76	71392	18.85	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	172472	92.51	ug/l	99
59) 2-Hexanone	9.49	43	295741	95.80	ug/l	99
60) Dibromochloromethane	9.58	129	43994	18.84	ug/l	99
61) 1,2-Dibromoethane	9.67	107	46055	19.89	ug/l	99
64) Tetrachloroethene	9.33	164	46935	20.13	ug/l	98
65) Chlorobenzene	10.14	112	117066	19.58	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	42964	19.70	ug/l	99
67) Ethyl Benzene	10.25	91	195656	19.89	ug/l	100
68) m/p-Xylenes	10.36	106	151455	39.68	ug/l	99
69) o-Xylene	10.70	106	71822	20.00	ug/l	99
70) Styrene	10.71	104	120181	19.99	ug/l	100
71) Bromoform	10.86	173	36477	18.75	ug/l #	99
73) Isopropylbenzene	11.02	105	200822	21.12	ug/l	100
74) N-amyl acetate	10.90	43	92339	19.59	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	69107	19.70	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	65669m	19.92	ug/l	
77) Bromobenzene	11.26	156	54972	20.74	ug/l	96
78) n-propylbenzene	11.36	91	228462	21.01	ug/l	100
79) 2-Chlorotoluene	11.42	91	137509	20.39	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	170381	20.94	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	20208	20.03	ug/l	97
82) 4-Chlorotoluene	11.51	91	161514	20.31	ug/l	100
83) tert-Butylbenzene	11.77	119	165767	20.44	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	175285	21.26	ug/l	100
85) sec-Butylbenzene	11.94	105	201683	20.84	ug/l	100
86) p-Isopropyltoluene	12.07	119	179355	20.73	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	99223	19.91	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	100873	19.39	ug/l	99
89) n-Butylbenzene	12.39	91	153632	19.67	ug/l	100
90) Hexachloroethane	12.60	117	28810	19.31	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	100014	19.83	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	16490	19.44	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	71934	19.68	ug/l	99
94) Hexachlorobutadiene	13.79	225	36769	19.41	ug/l	99
95) Naphthalene	13.83	128	218776	20.59	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	75914	20.49	ug/l	99

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

