

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX111718\
 Data File : VX006068.D
 Acq On : 17 Nov 2018 15:06
 Operator : JC/MD
 Sample : VX1117WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1117WBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/19/2018 9:24:42 AM

Quant Time: Nov 19 00:49:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	114927	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.86	114	164636	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	130176	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	96384	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	70412	53.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.58%	
35) Dibromofluoromethane	5.51	113	55928	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	
50) Toluene-d8	8.71	98	180037	48.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.72%	
62) 4-Bromofluorobenzene	11.13	95	65194	48.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.42%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.20	85	17985	17.36	ug/l 98
3) Chloromethane	1.33	50	24386	17.93	ug/l 97
4) Vinyl Chloride	1.41	62	25397	18.60	ug/l 98
5) Bromomethane	1.64	94	12846	15.38	ug/l 99
6) Chloroethane	1.73	64	15540	19.08	ug/l 94
7) Trichlorofluoromethane	1.93	101	33470	18.47	ug/l 98
8) Diethyl Ether	2.19	74	15241	21.46	ug/l 95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	19455	18.67	ug/l 99
10) Methyl Iodide	2.51	142	22016	17.43	ug/l 97
11) Tert butyl alcohol	3.06	59	37745	99.73	ug/l 98
12) 1,1-Dichloroethene	2.37	96	18787	18.49	ug/l 93
13) Acrolein	2.29	56	9858	69.60	ug/l 95
14) Allyl chloride	2.73	41	44184	19.47	ug/l 98
15) Acrylonitrile	3.15	53	83377	106.30	ug/l 98
16) Acetone	2.44	43	74494	104.72	ug/l 97
17) Carbon Disulfide	2.57	76	48456	15.99	ug/l 100
18) Methyl Acetate	2.78	43	42592	21.50	ug/l 99
19) Methyl tert-butyl Ether	3.20	73	72105	20.80	ug/l 97
20) Methylene Chloride	2.86	84	23002	19.68	ug/l 98
21) trans-1,2-Dichloroethene	3.17	96	20468	19.10	ug/l 90
22) Diisopropyl ether	3.87	45	81729	20.56	ug/l 95
23) Vinyl Acetate	3.82	43	349299	102.50	ug/l 99
24) 1,1-Dichloroethane	3.70	63	42194	19.90	ug/l 100
25) 2-Butanone	4.70	43	113201	101.22	ug/l 96
26) 2,2-Dichloropropane	4.59	77	30261	19.46	ug/l 99
27) cis-1,2-Dichloroethene	4.60	96	23386	19.77	ug/l 99
28) Bromochloromethane	5.01	49	20836	21.99	ug/l 94
29) Tetrahydrofuran	5.15	42	72339	100.74	ug/l 99
30) Chloroform	5.21	83	41649	20.36	ug/l 99
31) Cyclohexane	5.57	56	32035	17.40	ug/l 99
32) 1,1,1-Trichloroethane	5.49	97	34741	20.36	ug/l 99
36) 1,1-Dichloropropene	5.80	75	29226	18.41	ug/l 98
37) Ethyl Acetate	4.85	43	39456	18.90	ug/l 99
38) Carbon Tetrachloride	5.78	117	30007	18.89	ug/l 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	26757	16.63	ug/l	85
40) Benzene	6.14	78	92303	19.95	ug/l	97
41) Methacrylonitrile	5.06	41	21694	19.24	ug/l	97
42) 1,2-Dichloroethane	6.20	62	33096	19.97	ug/l	99
43) Isopropyl Acetate	6.46	43	49714	16.44	ug/l	97
44) Trichloroethene	7.21	130	23048	19.62	ug/l	84
45) 1,2-Dichloropropane	7.51	63	23593	21.01	ug/l	89
46) Dibromomethane	7.66	93	13550	19.23	ug/l	99
47) Bromodichloromethane	7.90	83	25488	19.14	ug/l	98
48) Methyl methacrylate	7.77	41	25023	18.43	ug/l	99
49) 1,4-Dioxane	7.75	88	11148	380.98	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	176279	92.49	ug/l	98
52) Toluene	8.79	92	46387	17.94	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	27387	17.43	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	30191	18.85	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	22561	19.58	ug/l	83
56) Ethyl methacrylate	9.18	69	29063	16.85	ug/l	99
57) 1,3-Dichloropropane	9.37	76	33843	17.47	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	85042	95.79	ug/l	99
59) 2-Hexanone	9.49	43	138783	82.61	ug/l	100
60) Dibromochloromethane	9.59	129	21178	17.00	ug/l	100
61) 1,2-Dibromoethane	9.67	107	20922	16.42	ug/l	99
64) Tetrachloroethene	9.34	164	21074	19.01	ug/l	98
65) Chlorobenzene	10.14	112	53433	20.49	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	19930	21.98	ug/l	99
67) Ethyl Benzene	10.25	91	87582	20.94	ug/l	100
68) m/p-Xylenes	10.36	106	67411	42.26	ug/l	99
69) o-Xylene	10.70	106	31718	22.18	ug/l	98
70) Styrene	10.71	104	54243	22.99	ug/l	100
71) Bromoform	10.86	173	17424	22.93	ug/l #	98
73) Isopropylbenzene	11.02	105	89900	16.13	ug/l	100
74) N-amyl acetate	10.90	43	42382	14.46	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	32758	16.01	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	31983m	16.30	ug/l	
77) Bromobenzene	11.26	156	24471	15.58	ug/l	99
78) n-propylbenzene	11.36	91	103358	15.73	ug/l	99
79) 2-Chlorotoluene	11.42	91	63543	16.00	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	78493	16.57	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	9582	15.56	ug/l	96
82) 4-Chlorotoluene	11.51	91	77489	16.56	ug/l	99
83) tert-Butylbenzene	11.77	119	94160	19.65	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	100593	19.17	ug/l	99
85) sec-Butylbenzene	11.94	105	118469	20.22	ug/l	98
86) p-Isopropyltoluene	12.07	119	106492	20.52	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	58139	19.28	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	60511	19.61	ug/l	98
89) n-Butylbenzene	12.39	91	88997	18.50	ug/l	99
90) Hexachloroethane	12.60	117	16659	19.22	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	57516	19.04	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	13.00	75	9555	19.14	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	42957	20.20	ug/l	99
94) Hexachlorobutadiene	13.78	225	21030	18.83	ug/l	99
95) Naphthalene	13.83	128	131850	19.74	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	44923	20.74	ug/l	99

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

