

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112618\
 Data File : VX006175.D
 Acq On : 26 Nov 2018 15:11
 Operator : JC/MD
 Sample : VX1126WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1126WBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/27/2018 11:43:21 AM

Quant Time: Nov 27 03:10:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 08:15:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	227307	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	360402	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	343984	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	187669	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	165849	62.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	125.94%	
35) Dibromofluoromethane	5.51	113	131049	56.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.30%	
50) Toluene-d8	8.71	98	538115	60.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.96%	
62) 4-Bromofluorobenzene	11.14	95	194509	58.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.50%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	39743	23.53	ug/l	97
3) Chloromethane	1.32	50	48648	22.80	ug/l	99
4) Vinyl Chloride	1.41	62	49917	23.00	ug/l	96
5) Bromomethane	1.64	94	30213	20.47	ug/l	100
6) Chloroethane	1.72	64	29840	33.39	ug/l	97
7) Trichlorofluoromethane	1.93	101	68328	24.06	ug/l	96
8) Diethyl Ether	2.19	74	28794	23.99	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	39826	23.65	ug/l	98
10) Methyl Iodide	2.51	142	35990	17.05	ug/l	97
11) Tert butyl alcohol	3.07	59	71527	127.66	ug/l	98
12) 1,1-Dichloroethene	2.37	96	37196	22.66	ug/l	95
13) Acrolein	2.29	56	36748	109.60	ug/l	100
14) Allyl chloride	2.73	41	80418	23.95	ug/l	99
15) Acrylonitrile	3.15	53	148546	120.03	ug/l	99
16) Acetone	2.45	43	145699	124.66	ug/l	100
17) Carbon Disulfide	2.57	76	112494	25.38	ug/l	98
18) Methyl Acetate	2.78	43	77515	25.86	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	138023	24.33	ug/l	97
20) Methylene Chloride	2.85	84	43630	24.49	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	41149	23.96	ug/l	93
22) Diisopropyl ether	3.87	45	164129	22.83	ug/l	99
23) Vinyl Acetate	3.82	43	701272	117.59	ug/l	99
24) 1,1-Dichloroethane	3.70	63	86042	25.41	ug/l	99
25) 2-Butanone	4.70	43	242816	111.93	ug/l	100
26) 2,2-Dichloropropane	4.59	77	64556	23.13	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	51231	21.34	ug/l	96
28) Bromochloromethane	5.02	49	45993	23.30	ug/l	99
29) Tetrahydrofuran	5.15	42	155886	115.19	ug/l	99
30) Chloroform	5.21	83	90916	22.15	ug/l	99
31) Cyclohexane	5.58	56	72479	20.49	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	78815	23.78	ug/l	99
36) 1,1-Dichloropropene	5.80	75	63491	19.36	ug/l	99
37) Ethyl Acetate	4.85	43	84315	19.99	ug/l	100
38) Carbon Tetrachloride	5.78	117	67972	22.06	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	76311	20.43	ug/l	96
40) Benzene	6.15	78	200980	20.81	ug/l	99
41) Methacrylonitrile	5.06	41	46893	20.17	ug/l	99
42) 1,2-Dichloroethane	6.20	62	79604	22.04	ug/l	100
43) Isopropyl Acetate	6.46	43	134183	22.03	ug/l	99
44) Trichloroethene	7.21	130	59466	22.15	ug/l	99
45) 1,2-Dichloropropane	7.52	63	58972	23.07	ug/l	99
46) Dibromomethane	7.66	93	39411	22.51	ug/l	99
47) Bromodichloromethane	7.90	83	74575	23.03	ug/l	95
48) Methyl methacrylate	7.77	41	71551	23.16	ug/l	99
49) 1,4-Dioxane	7.75	88	32192	439.18	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	502368	115.03	ug/l	100
52) Toluene	8.79	92	139002	23.26	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	74946	22.18	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	84218	22.55	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	57295	22.14	ug/l	97
56) Ethyl methacrylate	9.18	69	78158	21.15	ug/l	99
57) 1,3-Dichloropropane	9.37	76	95107	22.30	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	236671	109.13	ug/l	99
59) 2-Hexanone	9.49	43	396217	114.32	ug/l	98
60) Dibromochloromethane	9.59	129	59178	23.33	ug/l	98
61) 1,2-Dibromoethane	9.67	107	60423	22.67	ug/l	100
64) Tetrachloroethene	9.34	164	59548	21.04	ug/l	98
65) Chlorobenzene	10.14	112	153437	21.75	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	54789	22.62	ug/l	99
67) Ethyl Benzene	10.25	91	252860	21.89	ug/l	100
68) m/p-Xylenes	10.36	106	198767	44.18	ug/l	98
69) o-Xylene	10.70	106	94131	21.91	ug/l	100
70) Styrene	10.71	104	156638	22.36	ug/l	99
71) Bromoform	10.86	173	47271	21.80	ug/l	100
73) Isopropylbenzene	11.02	105	260320	22.93	ug/l	100
74) N-amyl acetate	10.90	43	114051	21.03	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	94125	22.00	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	89257m	23.10	ug/l	
77) Bromobenzene	11.26	156	71015	22.33	ug/l	99
78) n-propylbenzene	11.36	91	299937	22.68	ug/l	100
79) 2-Chlorotoluene	11.42	91	179914	22.49	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	218816	22.86	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	24344	21.31	ug/l	97
82) 4-Chlorotoluene	11.51	91	209780	22.47	ug/l	99
83) tert-Butylbenzene	11.77	119	213046	22.79	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	226411	23.18	ug/l	99
85) sec-Butylbenzene	11.94	105	261427	22.87	ug/l	98
86) p-Isopropyltoluene	12.07	119	230956	22.66	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	128980	21.99	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	130585	21.48	ug/l	99
89) n-Butylbenzene	12.39	91	196034	21.24	ug/l	99
90) Hexachloroethane	12.60	117	37295	22.93	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	128242	21.39	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	22180	22.34	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	89967	21.30	ug/l	99
94) Hexachlorobutadiene	13.79	225	43803	21.28	ug/l	99
95) Naphthalene	13.83	128	278275	22.40	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	93914	21.81	ug/l	99

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

