

Data File : VX000611.D

Acq On : 31 Mar 2018 23:48

Operator : JC/MD

Sample : VX0331WBSD02

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0331WBSD02

Quant Time: Apr 02 06:20:19 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M

Quant Title : SW846 8260

QLast Update : Wed Mar 21 04:52:42 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	130743	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	214286	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	230947	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	141033	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	84566	49.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.10%	
35) Dibromofluoromethane	5.51	113	66965	49.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.20%	
50) Toluene-d8	8.73	98	278748	49.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.70%	
62) 4-Bromofluorobenzene	11.15	95	108242	46.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	23813	16.53	ug/l	99
3) Chloromethane	1.32	50	24602	16.21	ug/l	98
4) Vinyl Chloride	1.40	62	33454	20.86	ug/l	96
5) Bromomethane	1.64	94	28012	14.62	ug/l	99
6) Chloroethane	1.73	64	24169	26.61	ug/l	98
7) Trichlorofluoromethane	1.93	101	63756	22.02	ug/l	93
8) Diethyl Ether	2.20	74	22870	22.11	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	35575	22.04	ug/l	99
10) Methyl Iodide	2.51	142	13617	12.06	ug/l	94
11) Tert butyl alcohol	3.08	59	75149	128.01	ug/l	99
12) 1,1-Dichloroethene	2.38	96	33069	23.34	ug/l	93
13) Acrolein	2.30	56	39052	210.77	ug/l	96
14) Allyl chloride	2.73	41	55629	22.17	ug/l	98
15) Acrylonitrile	3.16	53	140239	117.95	ug/l	100
16) Acetone	2.45	43	134188	94.52	ug/l	97
17) Carbon Disulfide	2.57	76	83409	22.13	ug/l	96
18) Methyl Acetate	2.79	43	68716	23.09	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	118512	22.61	ug/l	98
20) Methylene Chloride	2.86	84	36819	22.45	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	36318	22.97	ug/l	93
22) Diisopropyl ether	3.89	45	72959	16.47	ug/l	97
23) Vinyl Acetate	3.83	43	345719	82.32	ug/l	100
24) 1,1-Dichloroethane	3.70	63	44275	15.90	ug/l	99
25) 2-Butanone	4.72	43	148962	93.35	ug/l	98
26) 2,2-Dichloropropane	4.59	77	28478	14.59	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	27249	18.44	ug/l	96
28) Bromochloromethane	5.04	49	22997	20.02	ug/l	98
29) Tetrahydrofuran	5.18	42	98228	100.05	ug/l	99
30) Chloroform	5.23	83	50664	19.41	ug/l	99
31) Cyclohexane	5.59	56	38392	17.83	ug/l	94
32) 1,1,1-Trichloroethane	5.50	97	43861	18.63	ug/l	97
36) 1,1-Dichloropropene	5.81	75	36763	18.32	ug/l	98
37) Ethyl Acetate	4.87	43	51381	18.74	ug/l	99
38) Carbon Tetrachloride	5.79	117	37240	17.68	ug/l	97

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	42921	17.58	ug/l	97
40) Benzene	6.15	78	111195	19.08	ug/l	97
41) Methacrylonitrile	5.08	41	26861	18.58	ug/l	98
42) 1,2-Dichloroethane	6.21	62	43883	19.19	ug/l	99
43) Isopropyl Acetate	6.48	43	76171	18.66	ug/l	99
44) Trichloroethene	7.22	130	31058	18.60	ug/l	96
45) 1,2-Dichloropropane	7.52	63	29168	19.55	ug/l	98
46) Dibromomethane	7.67	93	22440	19.16	ug/l	97
47) Bromodichloromethane	7.91	83	40516	19.66	ug/l	98
48) Methyl methacrylate	7.79	41	38501	19.43	ug/l	98
49) 1,4-Dioxane	7.77	88	17463	419.29	ug/l	96
51) 4-Methyl-2-Pentanone	8.66	43	312918	99.05	ug/l	99
52) Toluene	8.79	92	80587	19.78	ug/l	98
53) t-1,3-Dichloropropene	8.45	75	43414	18.18	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	42127	18.19	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	33450	19.96	ug/l	96
56) Ethyl methacrylate	9.19	69	47226	18.60	ug/l	98
57) 1,3-Dichloropropane	9.38	76	53081	19.80	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	116466	95.56	ug/l	99
59) 2-Hexanone	9.51	43	268459	100.08	ug/l	98
60) Dibromochloromethane	9.59	129	33124	19.44	ug/l	98
61) 1,2-Dibromoethane	9.68	107	35232	19.61	ug/l	100
64) Tetrachloroethene	9.34	164	32482	18.12	ug/l	95
65) Chlorobenzene	10.15	112	92492	18.00	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.23	131	32546	18.65	ug/l	99
67) Ethyl Benzene	10.26	91	157462	18.07	ug/l	99
68) m/p-Xylenes	10.37	106	126186	36.81	ug/l	98
69) o-Xylene	10.71	106	59209	17.84	ug/l	99
70) Styrene	10.72	104	99484	18.11	ug/l	100
71) Bromoform	10.87	173	26768	18.08	ug/l #	98
73) Isopropylbenzene	11.02	105	165050	17.66	ug/l	100
74) N-amyl acetate	6.48	43	76171	16.49	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	60126	18.19	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	56137m	18.52	ug/l	
77) Bromobenzene	11.26	156	41957	16.85	ug/l	96
78) n-propylbenzene	11.37	91	201952	18.13	ug/l	98
79) 2-Chlorotoluene	11.43	91	112140	17.42	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	140274	17.85	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.08	75	14009	14.96	ug/l	87
82) 4-Chlorotoluene	11.52	91	138229	17.99	ug/l	98
83) tert-Butylbenzene	11.78	119	138140	17.43	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	150666	18.29	ug/l	99
85) sec-Butylbenzene	11.95	105	175645	17.91	ug/l	100
86) p-Isopropyltoluene	12.07	119	158004	18.15	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	83981	17.84	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	89566	18.13	ug/l	99
89) n-Butylbenzene	12.40	91	148559	18.32	ug/l	98
90) Hexachloroethane	12.60	117	23371	17.05	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	84233	18.25	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	16428	17.82	ug/l	94

Data Path : W:\HPCHEM1\MSVOA_X\Data\VX033118\
Quantitation Report (QT Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	59070	17.86	ug/l	98
94) Hexachlorobutadiene	13.79	225	23786	17.37	ug/l	98
95) Naphthalene	13.84	128	210648	18.28	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	61719	18.88	ug/l	96

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

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