

Data File : VX000586.D

Acq On : 31 Mar 2018 12:23

Operator : JC/MD

Sample : VX0331WBSD01

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0331WBSD01

Quant Time: Apr 02 06:09:55 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	5.68	168	179514	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	287417	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	283311	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	170193	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	95929	40.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.88%	
35) Dibromofluoromethane	5.51	113	92384	51.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.02%	
50) Toluene-d8	8.73	98	363979	48.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.06%	
62) 4-Bromofluorobenzene	11.15	95	139341	44.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	30314	15.32	ug/l	97
3) Chloromethane	1.32	50	34605	16.60	ug/l	96
4) Vinyl Chloride	1.41	62	39585	17.97	ug/l	99
5) Bromomethane	1.65	94	18116	6.91	ug/l	95
6) Chloroethane	1.73	64	18489	14.01	ug/l	100
7) Trichlorofluoromethane	1.94	101	55915	14.07	ug/l	99
8) Diethyl Ether	2.19	74	18230	12.83	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.40	101	34354	15.50	ug/l	99
10) Methyl Iodide	2.52	142	53395	26.51	ug/l	99
11) Tert butyl alcohol	3.03	59	11331	14.06	ug/l	98
12) 1,1-Dichloroethene	2.39	96	30069	15.45	ug/l	94
13) Acrolein	2.29	56	11530	56.77	ug/l	99
14) Allyl chloride	2.74	41	45547	13.18	ug/l	# 88
15) Acrylonitrile	3.14	53	38611	23.65	ug/l	99
16) Acetone	2.44	43	41709	21.40	ug/l	95
17) Carbon Disulfide	2.58	76	81119	15.68	ug/l	97
18) Methyl Acetate	2.78	43	20866	5.11	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	91630	12.73	ug/l	95
20) Methylene Chloride	2.86	84	33427	14.85	ug/l	98
21) trans-1,2-Dichloroethene	3.18	96	34158	15.74	ug/l	99
22) Diisopropyl ether	3.86	45	110008	18.09	ug/l	98
23) Vinyl Acetate	3.82	43	322018	55.85	ug/l	98
24) 1,1-Dichloroethane	3.71	63	64637	16.90	ug/l	98
25) 2-Butanone	4.68	43	57944	26.45	ug/l	97
26) 2,2-Dichloropropane	4.60	77	57054	21.29	ug/l	100
27) cis-1,2-Dichloroethene	4.61	96	41181	20.30	ug/l	99
28) Bromochloromethane	5.03	49	28148	17.85	ug/l	97
29) Tetrahydrofuran	5.15	42	34931	25.91	ug/l	99
30) Chloroform	5.23	83	73146	20.41	ug/l	93
31) Cyclohexane	5.59	56	55793	18.87	ug/l	95
32) 1,1,1-Trichloroethane	5.51	97	64689	20.01	ug/l	100
36) 1,1-Dichloropropene	5.81	75	51448	19.11	ug/l	97
37) Ethyl Acetate	4.85	43	23066	6.27	ug/l	96
38) Carbon Tetrachloride	5.80	117	54157	19.17	ug/l	99

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Quant Title : SW846 8260

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.48	83	64720	19.77	ug/l	96
40) Benzene	6.15	78	155243	19.86	ug/l	100
41) Methacrylonitrile	5.06	41	13637	7.03	ug/l	96
42) 1,2-Dichloroethane	6.21	62	49580	16.16	ug/l	98
43) Isopropyl Acetate	6.46	43	47976	8.76	ug/l	98
44) Trichloroethene	7.22	130	44835	20.02	ug/l	100
45) 1,2-Dichloropropane	7.52	63	38839	19.41	ug/l	98
46) Dibromomethane	7.67	93	23168	14.75	ug/l	98
47) Bromodichloromethane	7.91	83	52012	18.82	ug/l	99
48) Methyl methacrylate	7.78	41	23290	8.76	ug/l	99
49) 1,4-Dioxane	7.75	88	4617	82.65	ug/l #	91
51) 4-Methyl-2-Pentanone	8.65	43	135932	32.08	ug/l	98
52) Toluene	8.79	92	105319	19.27	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	58114	18.15	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	50526	16.26	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	33694	14.99	ug/l	97
56) Ethyl methacrylate	9.19	69	41238	12.11	ug/l	97
57) 1,3-Dichloropropane	9.38	76	54859	15.26	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	89982	55.05	ug/l	99
59) 2-Hexanone	9.50	43	102447	28.47	ug/l	99
60) Dibromochloromethane	9.59	129	36951	16.86	ug/l	99
61) 1,2-Dibromoethane	9.68	107	32202	13.36	ug/l	100
64) Tetrachloroethene	9.34	164	46893	21.33	ug/l	97
65) Chlorobenzene	10.15	112	127037	20.15	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	42361	19.78	ug/l	99
67) Ethyl Benzene	10.26	91	215239	20.14	ug/l	100
68) m/p-Xylenes	10.37	106	170966	40.65	ug/l	96
69) o-Xylene	10.71	106	81725	20.07	ug/l	99
70) Styrene	10.72	104	132426	19.65	ug/l	98
71) Bromoform	10.87	173	22244	13.79	ug/l #	96
73) Isopropylbenzene	11.02	105	223390	19.81	ug/l	100
74) N-amyl acetate	6.46	43	47976	6.92	ug/l #	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	42081	10.55	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	33449m	9.14	ug/l	
77) Bromobenzene	11.26	156	56452	18.79	ug/l	96
78) n-propylbenzene	11.37	91	259996	19.34	ug/l	98
79) 2-Chlorotoluene	11.43	91	149737	19.28	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	193250	20.38	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	8437	7.47	ug/l	93
82) 4-Chlorotoluene	11.52	91	180794	19.49	ug/l	96
83) tert-Butylbenzene	11.78	119	188595	19.72	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	198027	19.92	ug/l	98
85) sec-Butylbenzene	11.95	105	235894	19.94	ug/l	100
86) p-Isopropyltoluene	12.07	119	211109	20.09	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	113698	20.02	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	116510	19.54	ug/l	96
89) n-Butylbenzene	12.40	91	196040	20.04	ug/l	98
90) Hexachloroethane	12.60	117	30716	18.57	ug/l	93
91) 1,2-Dichlorobenzene	12.40	146	105784	19.00	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	6393	5.75	ug/l	91

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	78039	19.55	ug/l	99
94) Hexachlorobutadiene	13.79	225	31489	19.05	ug/l	98
95) Naphthalene	13.84	128	143368	10.31	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	70930	17.98	ug/l	97

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

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