

Data File : VX001012.D

Acq On : 20 Apr 2018 16:43

Operator : JC/MD

Sample : VX0420WBSD01

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 14 Sample Multiplier: 1

Instrument :

MSVOA_X

ClientSampleId :

VX0420WBSD01

Manual Integrations

APPROVED

MMDadoda

4/23/2018 1:27:41 PM

Quant Time: Apr 21 06:14:29 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M

Quant Title : SW846 8260

QLast Update : Fri Apr 20 05:03:28 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	197420	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	272232	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	259725	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	178472	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	125595	50.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.38%	
35) Dibromofluoromethane	5.51	113	103177	49.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.40%	
50) Toluene-d8	8.72	98	371344	48.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.76%	
62) 4-Bromofluorobenzene	11.14	95	155544	48.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	45925	18.76	ug/l	97
3) Chloromethane	1.32	50	41414	18.16	ug/l	99
4) Vinyl Chloride	1.41	62	42305	17.90	ug/l	100
5) Bromomethane	1.65	94	28933	18.98	ug/l	99
6) Chloroethane	1.73	64	24666	17.57	ug/l	99
7) Trichlorofluoromethane	1.93	101	63185	17.80	ug/l	100
8) Diethyl Ether	2.19	74	23113	17.63	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	35760	17.19	ug/l	98
10) Methyl Iodide	2.52	142	25020	17.94	ug/l	98
11) Tert butyl alcohol	3.07	59	34531	91.49	ug/l	98
12) 1,1-Dichloroethene	2.38	96	33237	17.28	ug/l	97
13) Acrolein	2.30	56	14080	125.44	ug/l	99
14) Allyl chloride	2.73	41	59932	17.22	ug/l	98
15) Acrylonitrile	3.15	53	90662	88.76	ug/l	100
16) Acetone	2.45	43	91980	97.61	ug/l	98
17) Carbon Disulfide	2.57	76	89552	16.34	ug/l	100
18) Methyl Acetate	2.78	43	55686	19.53	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	114864	17.76	ug/l	99
20) Methylene Chloride	2.87	84	38228	18.28	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	36326	16.96	ug/l	95
22) Diisopropyl ether	3.88	45	117906	17.50	ug/l	98
23) Vinyl Acetate	3.83	43	486322	87.17	ug/l	99
24) 1,1-Dichloroethane	3.70	63	66761	17.66	ug/l	99
25) 2-Butanone	4.71	43	133329	90.63	ug/l	99
26) 2,2-Dichloropropane	4.59	77	55622	17.11	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	42044	17.63	ug/l	100
28) Bromochloromethane	5.03	49	30524	21.00	ug/l	100
29) Tetrahydrofuran	5.17	42	81813	88.01	ug/l	100
30) Chloroform	5.23	83	69572	17.77	ug/l	96
31) Cyclohexane	5.58	56	59858	16.97	ug/l	95
32) 1,1,1-Trichloroethane	5.51	97	60092	17.12	ug/l	97
36) 1,1-Dichloropropene	5.81	75	53648	16.77	ug/l	99
37) Ethyl Acetate	4.87	43	49700	16.94	ug/l	99
38) Carbon Tetrachloride	5.79	117	51596	15.93	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	62989	16.92	ug/l	98
40) Benzene	6.15	78	150725	16.95	ug/l	99
41) Methacrylonitrile	5.07	41	30913	16.87	ug/l	98
42) 1,2-Dichloroethane	6.21	62	58861	17.24	ug/l	99
43) Isopropyl Acetate	6.48	43	84576	16.80	ug/l	99
44) Trichloroethene	7.22	130	45837	16.87	ug/l	97
45) 1,2-Dichloropropane	7.52	63	38716	17.31	ug/l	99
46) Dibromomethane	7.67	93	26363	16.87	ug/l	99
47) Bromodichloromethane	7.91	83	47889	16.54	ug/l	98
48) Methyl methacrylate	7.79	41	46294	17.08	ug/l	97
49) 1,4-Dioxane	7.76	88	13841	347.21	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	265582	86.88	ug/l	98
52) Toluene	8.79	92	99510	17.14	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	58221	16.82	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	54503	16.70	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	39020	16.91	ug/l	99
56) Ethyl methacrylate	9.19	69	57586	16.99	ug/l	99
57) 1,3-Dichloropropane	9.38	76	64962	17.00	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	146419	88.53	ug/l	100
59) 2-Hexanone	9.51	43	202916	86.72	ug/l	99
60) Dibromochloromethane	9.59	129	39761	16.41	ug/l	97
61) 1,2-Dibromoethane	9.68	107	41815	17.17	ug/l	100
64) Tetrachloroethene	9.34	164	47181	17.11	ug/l	98
65) Chlorobenzene	10.15	112	115401	16.69	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	39657	16.71	ug/l	100
67) Ethyl Benzene	10.26	91	192698	16.78	ug/l	99
68) m/p-Xylenes	10.37	106	151722	33.52	ug/l	98
69) o-Xylene	10.71	106	72152	16.53	ug/l	98
70) Styrene	10.72	104	120878	16.82	ug/l	99
71) Bromoform	10.87	173	30530	15.79	ug/l #	99
73) Isopropylbenzene	11.02	105	199611	17.11	ug/l	99
74) N-amyl acetate	6.48	43	84576	16.95	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	56414	17.08	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	52913m	17.09	ug/l	
77) Bromobenzene	11.26	156	58138	17.17	ug/l	99
78) n-propylbenzene	11.37	91	231434	17.28	ug/l	99
79) 2-Chlorotoluene	11.43	91	134281	16.97	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	169722	17.16	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	13024	15.31	ug/l	89
82) 4-Chlorotoluene	11.52	91	165054	17.26	ug/l	98
83) tert-Butylbenzene	11.77	119	175311	17.57	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	178194	17.51	ug/l	98
85) sec-Butylbenzene	11.95	105	213422	17.92	ug/l	99
86) p-Isopropyltoluene	12.07	119	194848	17.69	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	106681	16.83	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	110629	17.00	ug/l	99
89) n-Butylbenzene	12.40	91	175341	17.89	ug/l	100
90) Hexachloroethane	12.60	117	26282	16.84	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	104374	17.00	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	11661	16.85	ug/l	96

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX042018\
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	89615	17.39	ug/l	100
94) Hexachlorobutadiene	13.79	225	38978	16.72	ug/l	99
95) Naphthalene	13.84	128	221286	17.46	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	88662	17.79	ug/l	100

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

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