

Data File : VX001026.D
Acq On : 20 Apr 2018 23:30
Operator : JC/MD
Sample : VX0420WBSD02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0420WBSD02

Manual Integrations
APPROVED

MMDadoda
4/23/2018 1:27:46 PM

Quant Time: Apr 21 05:54:00 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	226460	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	310054	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	297166	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	204515	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	137999	48.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.14%	
35) Dibromofluoromethane	5.51	113	109948	46.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.00%	
50) Toluene-d8	8.72	98	402701	46.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.12%	
62) 4-Bromofluorobenzene	11.14	95	165611	45.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.28%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	61899	22.04	ug/l	99
3) Chloromethane	1.32	50	52441	20.05	ug/l	98
4) Vinyl Chloride	1.41	62	54873	20.24	ug/l	100
5) Bromomethane	1.65	94	37496	21.80	ug/l	100
6) Chloroethane	1.73	64	33100	20.55	ug/l	98
7) Trichlorofluoromethane	1.93	101	84202	20.68	ug/l	98
8) Diethyl Ether	2.19	74	30328	20.16	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	47435	19.88	ug/l	99
10) Methyl Iodide	2.52	142	35306	20.32	ug/l	100
11) Tert butyl alcohol	3.07	59	45678	105.51	ug/l	99
12) 1,1-Dichloroethene	2.38	96	44549	20.19	ug/l	98
13) Acrolein	2.30	56	15028	117.48	ug/l	99
14) Allyl chloride	2.73	41	77695	19.46	ug/l	98
15) Acrylonitrile	3.15	53	116830	99.71	ug/l	99
16) Acetone	2.45	43	103376	95.63	ug/l	99
17) Carbon Disulfide	2.57	76	117287	18.65	ug/l	100
18) Methyl Acetate	2.78	43	73178	22.37	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	151863	20.47	ug/l	100
20) Methylene Chloride	2.86	84	49098	20.65	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	47289	19.25	ug/l	98
22) Diisopropyl ether	3.87	45	157080	20.32	ug/l	92
23) Vinyl Acetate	3.83	43	628323	98.18	ug/l	99
24) 1,1-Dichloroethane	3.70	63	85039	19.61	ug/l	99
25) 2-Butanone	4.71	43	167010	98.97	ug/l	97
26) 2,2-Dichloropropane	4.59	77	63540	17.04	ug/l	98
27) cis-1,2-Dichloroethene	4.61	96	54565	19.94	ug/l	98
28) Bromochloromethane	5.03	49	33137	19.87	ug/l	97
29) Tetrahydrofuran	5.17	42	107730	101.03	ug/l	99
30) Chloroform	5.23	83	90613	20.18	ug/l	98
31) Cyclohexane	5.59	56	77821	19.23	ug/l	96
32) 1,1,1-Trichloroethane	5.51	97	80265	19.94	ug/l	98
36) 1,1-Dichloropropene	5.81	75	69207	18.99	ug/l	100
37) Ethyl Acetate	4.87	43	64951	19.43	ug/l	100
38) Carbon Tetrachloride	5.79	117	70154	19.02	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	78021	18.40	ug/l	98
40) Benzene	6.15	78	198448	19.59	ug/l	99
41) Methacrylonitrile	5.07	41	39556	18.95	ug/l	98
42) 1,2-Dichloroethane	6.21	62	77779	20.00	ug/l	99
43) Isopropyl Acetate	6.48	43	110291	19.23	ug/l	100
44) Trichloroethene	7.22	130	59577	19.25	ug/l	98
45) 1,2-Dichloropropane	7.52	63	50788	19.94	ug/l	96
46) Dibromomethane	7.67	93	34865	19.59	ug/l	100
47) Bromodichloromethane	7.91	83	64699	19.62	ug/l	97
48) Methyl methacrylate	7.79	41	59713	19.34	ug/l	98
49) 1,4-Dioxane	7.76	88	18381	404.85	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	350652	100.72	ug/l	98
52) Toluene	8.79	92	131497	19.89	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	76041	19.29	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	69129	18.59	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	52114	19.83	ug/l	98
56) Ethyl methacrylate	9.19	69	75193	19.48	ug/l	98
57) 1,3-Dichloropropane	9.38	76	85704	19.69	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	195987	104.04	ug/l	100
59) 2-Hexanone	9.51	43	260939	97.92	ug/l	98
60) Dibromochloromethane	9.59	129	53060	19.22	ug/l	98
61) 1,2-Dibromoethane	9.68	107	55115	19.87	ug/l	100
64) Tetrachloroethene	9.34	164	64901	20.57	ug/l	98
65) Chlorobenzene	10.15	112	153374	19.38	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	53066	19.54	ug/l	99
67) Ethyl Benzene	10.26	91	255154	19.42	ug/l	99
68) m/p-Xylenes	10.37	106	199629	38.55	ug/l	98
69) o-Xylene	10.71	106	95204	19.07	ug/l	97
70) Styrene	10.72	104	161371	19.62	ug/l	99
71) Bromoform	10.86	173	41577	18.27	ug/l #	98
73) Isopropylbenzene	11.02	105	263415	19.70	ug/l	100
74) N-amyl acetate	6.48	43	110291	19.28	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	75368	19.91	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	69835m	19.68	ug/l	
77) Bromobenzene	11.26	156	75782	19.53	ug/l	99
78) n-propylbenzene	11.37	91	296789	19.34	ug/l	100
79) 2-Chlorotoluene	11.43	91	179249	19.76	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	221886	19.58	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	16619	16.68	ug/l	90
82) 4-Chlorotoluene	11.52	91	213086	19.44	ug/l	99
83) tert-Butylbenzene	11.77	119	223433	19.54	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	229894	19.71	ug/l	99
85) sec-Butylbenzene	11.95	105	264798	19.40	ug/l	100
86) p-Isopropyltoluene	12.07	119	244501	19.37	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	140096	19.28	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	143748	19.28	ug/l	99
89) n-Butylbenzene	12.40	91	212909	18.95	ug/l	99
90) Hexachloroethane	12.60	117	33079	18.49	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	136242	19.37	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	15837	19.97	ug/l	94

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	110598	18.73	ug/l	100
94) Hexachlorobutadiene	13.79	225	48445	18.13	ug/l	99
95) Naphthalene	13.84	128	287379	19.79	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	107753	18.87	ug/l	99

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

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