

Data File : VX001004.D
Acq On : 20 Apr 2018 13:20
Operator : JC/MD
Sample : VX0420WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0420WBS01

Manual Integrations
APPROVED

MMDadoda
4/23/2018 1:27:38 PM

Quant Time: Apr 21 05:49:15 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	209731	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	289327	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	275678	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	190271	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	122815	46.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.38%	
35) Dibromofluoromethane	5.51	113	100149	45.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.78%	
50) Toluene-d8	8.72	98	361354	44.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.60%	
62) 4-Bromofluorobenzene	11.14	95	149936	43.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.58%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.20	85	56087	21.56	ug/l	99
3) Chloromethane	1.32	50	48391	19.98	ug/l	98
4) Vinyl Chloride	1.41	62	49993	19.91	ug/l	100
5) Bromomethane	1.65	94	33656	21.04	ug/l	100
6) Chloroethane	1.73	64	29628	19.86	ug/l	100
7) Trichlorofluoromethane	1.93	101	75812	20.10	ug/l	99
8) Diethyl Ether	2.19	74	27682	19.87	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	43107	19.51	ug/l	99
10) Methyl Iodide	2.52	142	26043	17.73	ug/l	99
11) Tert butyl alcohol	3.06	59	38820	96.82	ug/l	99
12) 1,1-Dichloroethene	2.38	96	40579	19.86	ug/l	98
13) Acrolein	2.29	56	11662	100.21	ug/l	99
14) Allyl chloride	2.73	41	72985	19.74	ug/l	99
15) Acrylonitrile	3.15	53	104394	96.20	ug/l	99
16) Acetone	2.45	43	97613	97.50	ug/l	100
17) Carbon Disulfide	2.57	76	109884	18.87	ug/l	100
18) Methyl Acetate	2.78	43	64296	21.22	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	135869	19.78	ug/l	100
20) Methylene Chloride	2.86	84	44237	20.05	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	43924	19.31	ug/l	99
22) Diisopropyl ether	3.87	45	140856	19.68	ug/l	93
23) Vinyl Acetate	3.83	43	579470	97.77	ug/l	100
24) 1,1-Dichloroethane	3.70	63	79114	19.70	ug/l	99
25) 2-Butanone	4.71	43	151680	97.06	ug/l	99
26) 2,2-Dichloropropane	4.59	77	67030	19.41	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	49575	19.56	ug/l	99
28) Bromochloromethane	5.03	49	28927	18.73	ug/l	98
29) Tetrahydrofuran	5.17	42	94337	95.53	ug/l	99
30) Chloroform	5.23	83	82025	19.72	ug/l	98
31) Cyclohexane	5.58	56	72368	19.31	ug/l	94
32) 1,1,1-Trichloroethane	5.50	97	73555	19.73	ug/l	99
36) 1,1-Dichloropropene	5.81	75	64172	18.87	ug/l	99
37) Ethyl Acetate	4.86	43	59151	18.97	ug/l	99
38) Carbon Tetrachloride	5.79	117	64336	18.69	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	73781	18.64	ug/l	97
40) Benzene	6.15	78	180409	19.09	ug/l	100
41) Methacrylonitrile	5.07	41	36630	18.81	ug/l	98
42) 1,2-Dichloroethane	6.20	62	70203	19.35	ug/l	99
43) Isopropyl Acetate	6.47	43	99370	18.57	ug/l	99
44) Trichloroethene	7.22	130	55030	19.06	ug/l	100
45) 1,2-Dichloropropane	7.52	63	45408	19.10	ug/l	97
46) Dibromomethane	7.67	93	31441	18.93	ug/l	100
47) Bromodichloromethane	7.91	83	57007	18.53	ug/l	99
48) Methyl methacrylate	7.79	41	53059	18.42	ug/l	99
49) 1,4-Dioxane	7.76	88	15500	365.85	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	308706	95.02	ug/l	98
52) Toluene	8.79	92	118128	19.15	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	70048	19.04	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	64536	18.60	ug/l	95
55) 1,1,2-Trichloroethane	9.22	97	46538	18.98	ug/l	98
56) Ethyl methacrylate	9.19	69	67672	18.79	ug/l	98
57) 1,3-Dichloropropane	9.38	76	76176	18.75	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	129807	73.85	ug/l	99
59) 2-Hexanone	9.50	43	234588	94.34	ug/l	99
60) Dibromochloromethane	9.59	129	48790	18.94	ug/l	97
61) 1,2-Dibromoethane	9.68	107	49509	19.13	ug/l	99
64) Tetrachloroethene	9.34	164	56032	19.14	ug/l	96
65) Chlorobenzene	10.15	112	138623	18.88	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	47817	18.98	ug/l	99
67) Ethyl Benzene	10.26	91	231117	18.96	ug/l	99
68) m/p-Xylenes	10.37	106	181313	37.74	ug/l	99
69) o-Xylene	10.71	106	87571	18.91	ug/l	100
70) Styrene	10.72	104	144654	18.96	ug/l	99
71) Bromoform	10.87	173	37675	17.91	ug/l #	99
73) Isopropylbenzene	11.02	105	237716	19.11	ug/l	99
74) N-amyl acetate	6.47	43	99370	18.67	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	66510	18.89	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	63273m	19.17	ug/l	
77) Bromobenzene	11.26	156	67414	18.67	ug/l	98
78) n-propylbenzene	11.37	91	272426	19.08	ug/l	100
79) 2-Chlorotoluene	11.43	91	158799	18.82	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	201349	19.10	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	16166	17.30	ug/l	92
82) 4-Chlorotoluene	11.52	91	193337	18.96	ug/l	99
83) tert-Butylbenzene	11.77	119	203302	19.11	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	209144	19.27	ug/l	99
85) sec-Butylbenzene	11.95	105	244130	19.23	ug/l	100
86) p-Isopropyltoluene	12.07	119	223870	19.06	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	125280	18.53	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	129854	18.72	ug/l	98
89) n-Butylbenzene	12.39	91	200156	19.15	ug/l	100
90) Hexachloroethane	12.60	117	31235	18.77	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	122959	18.79	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	14117	19.14	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	102238	18.61	ug/l	100
94) Hexachlorobutadiene	13.79	225	46803	18.83	ug/l	99
95) Naphthalene	13.84	128	258009	19.10	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	99453	18.72	ug/l	100

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

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