

Data File : VX001025.D
Acq On : 20 Apr 2018 23:04
Operator : JC/MD
Sample : VX0420WBS02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0420WBS02

Manual Integrations
APPROVED

MMDadoda
4/23/2018 1:27:45 PM

Quant Time: Apr 21 05:52:22 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	5.68	168	226613	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	317089	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	304699	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	209295	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	149202	51.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.88%	
35) Dibromofluoromethane	5.51	113	120952	50.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.04%	
50) Toluene-d8	8.72	98	441428	49.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.74%	
62) 4-Bromofluorobenzene	11.14	95	183139	48.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	63434	22.57	ug/l	97
3) Chloromethane	1.32	50	54082	20.67	ug/l	98
4) Vinyl Chloride	1.41	62	57139	21.07	ug/l	97
5) Bromomethane	1.65	94	39753	23.27	ug/l	99
6) Chloroethane	1.73	64	34398	21.34	ug/l	98
7) Trichlorofluoromethane	1.93	101	87262	21.41	ug/l	100
8) Diethyl Ether	2.19	74	31447	20.89	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	48805	20.44	ug/l	100
10) Methyl Iodide	2.52	142	34833	20.14	ug/l	99
11) Tert butyl alcohol	3.07	59	45652	105.38	ug/l	99
12) 1,1-Dichloroethene	2.38	96	46924	21.25	ug/l	94
13) Acrolein	2.29	56	14828	115.99	ug/l	97
14) Allyl chloride	2.73	41	81877	20.49	ug/l	98
15) Acrylonitrile	3.15	53	120451	102.73	ug/l	100
16) Acetone	2.45	43	107105	99.02	ug/l	99
17) Carbon Disulfide	2.57	76	120241	19.11	ug/l	99
18) Methyl Acetate	2.78	43	75398	23.04	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	157952	21.28	ug/l	100
20) Methylene Chloride	2.86	84	51394	21.67	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	50547	20.56	ug/l	99
22) Diisopropyl ether	3.88	45	163535	21.14	ug/l	99
23) Vinyl Acetate	3.83	43	654407	102.19	ug/l	99
24) 1,1-Dichloroethane	3.70	63	91178	21.02	ug/l	99
25) 2-Butanone	4.71	43	170767	101.13	ug/l	98
26) 2,2-Dichloropropane	4.59	77	66619	17.85	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	57052	20.84	ug/l	99
28) Bromochloromethane	5.03	49	32536	19.50	ug/l	96
29) Tetrahydrofuran	5.17	42	110358	103.42	ug/l	99
30) Chloroform	5.22	83	95304	21.21	ug/l	98
31) Cyclohexane	5.58	56	81002	20.00	ug/l	94
32) 1,1,1-Trichloroethane	5.51	97	84427	20.96	ug/l	99
36) 1,1-Dichloropropene	5.81	75	72353	19.42	ug/l	100
37) Ethyl Acetate	4.87	43	66135	19.35	ug/l	99
38) Carbon Tetrachloride	5.79	117	73040	19.36	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	83281	19.20	ug/l	100
40) Benzene	6.15	78	208405	20.12	ug/l	99
41) Methacrylonitrile	5.07	41	41261	19.33	ug/l	98
42) 1,2-Dichloroethane	6.21	62	79725	20.05	ug/l	100
43) Isopropyl Acetate	6.47	43	114114	19.46	ug/l	99
44) Trichloroethene	7.22	130	62938	19.89	ug/l	99
45) 1,2-Dichloropropane	7.52	63	53104	20.39	ug/l	100
46) Dibromomethane	7.67	93	35740	19.64	ug/l	98
47) Bromodichloromethane	7.90	83	67169	19.92	ug/l	99
48) Methyl methacrylate	7.79	41	62026	19.64	ug/l	99
49) 1,4-Dioxane	7.76	88	18398	396.23	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	361800	101.61	ug/l	98
52) Toluene	8.79	92	135834	20.09	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	79062	19.61	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	74346	19.55	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	53837	20.03	ug/l	99
56) Ethyl methacrylate	9.19	69	79147	20.05	ug/l	99
57) 1,3-Dichloropropane	9.38	76	88853	19.96	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	195709	101.59	ug/l	100
59) 2-Hexanone	9.51	43	265154	97.29	ug/l	98
60) Dibromochloromethane	9.59	129	55883	19.80	ug/l	100
61) 1,2-Dibromoethane	9.68	107	57558	20.29	ug/l	100
64) Tetrachloroethene	9.34	164	66758	20.63	ug/l	99
65) Chlorobenzene	10.15	112	159754	19.69	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	56231	20.19	ug/l	99
67) Ethyl Benzene	10.26	91	264728	19.65	ug/l	99
68) m/p-Xylenes	10.37	106	211105	39.75	ug/l	100
69) o-Xylene	10.71	106	101689	19.86	ug/l	100
70) Styrene	10.72	104	167143	19.82	ug/l	99
71) Bromoform	10.87	173	43349	18.53	ug/l #	99
73) Isopropylbenzene	11.02	105	271420	19.84	ug/l	98
74) N-amyl acetate	6.47	43	114114	19.50	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	77706	20.06	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	72553m	19.98	ug/l	
77) Bromobenzene	11.26	156	78873	19.86	ug/l	98
78) n-propylbenzene	11.37	91	310461	19.76	ug/l	100
79) 2-Chlorotoluene	11.43	91	184040	19.83	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	231705	19.98	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	17175	16.82	ug/l	92
82) 4-Chlorotoluene	11.52	91	222408	19.83	ug/l	99
83) tert-Butylbenzene	11.77	119	229929	19.65	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	240132	20.12	ug/l	98
85) sec-Butylbenzene	11.95	105	276754	19.82	ug/l	100
86) p-Isopropyltoluene	12.07	119	254919	19.73	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	145686	19.59	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	149850	19.63	ug/l	99
89) n-Butylbenzene	12.40	91	221067	19.23	ug/l	99
90) Hexachloroethane	12.60	117	34868	19.05	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	142199	19.75	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	16153	19.91	ug/l	94

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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	115440	19.10	ug/l	99
94) Hexachlorobutadiene	13.79	225	50789	18.58	ug/l	99
95) Naphthalene	13.84	128	296362	19.94	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	112210	19.20	ug/l	99

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

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