

Data File : VX000192.D
Acq On : 02 Mar 2018 15:36
Operator : JC/MD
Sample : VX0302WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0302WBSD01

Manual Integrations
APPROVED

apatel
3/3/2018 1:20:23 PM

Quant Time: Mar 03 05:19:33 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X021418W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 15 12:46:41 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	93186	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	153921	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	154447	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	86589	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	64496	55.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.84%	
35) Dibromofluoromethane	5.52	113	50643	52.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.26%	
50) Toluene-d8	8.73	98	195491	51.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.02%	
62) 4-Bromofluorobenzene	11.15	95	77472	51.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.12%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	32942	34.33	ug/l	100
3) Chloromethane	1.32	50	27493	29.22	ug/l	98
4) Vinyl Chloride	1.41	62	32706	31.20	ug/l	99
5) Bromomethane	1.65	94	26094	30.45	ug/l	96
6) Chloroethane	1.73	64	20209	28.70	ug/l	97
7) Trichlorofluoromethane	1.94	101	50702	27.05	ug/l	98
8) Diethyl Ether	2.20	74	17045	26.35	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.39	101	27979	26.70	ug/l	96
10) Methyl Iodide	2.52	142	25600	22.31	ug/l	94
11) Tert butyl alcohol	3.07	59	48158	107.39	ug/l	98
12) 1,1-Dichloroethene	2.38	96	25151	25.77	ug/l	85
13) Acrolein	2.30	56	35499	165.73	ug/l	99
14) Allyl chloride	2.73	41	44224	27.07	ug/l	94
15) Acrylonitrile	3.16	53	95853	125.16	ug/l	98
16) Acetone	2.45	43	111578	147.84	ug/l	99
17) Carbon Disulfide	2.58	76	69651	24.24	ug/l	99
18) Methyl Acetate	2.78	43	44020	24.87	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	88630	26.46	ug/l	95
20) Methylene Chloride	2.87	84	27780	28.19	ug/l	97
21) trans-1,2-Dichloroethene	3.18	96	27260	25.77	ug/l	89
22) Diisopropyl ether	3.88	45	81669	28.61	ug/l	90
23) Vinyl Acetate	3.84	43	403525	152.12	ug/l	96
24) 1,1-Dichloroethane	3.71	63	48787	28.85	ug/l	99
25) 2-Butanone	4.72	43	127788	121.28	ug/l	98
26) 2,2-Dichloropropane	4.60	77	34830	23.69	ug/l	98
27) cis-1,2-Dichloroethene	4.61	96	25157	24.96	ug/l	98
28) Bromochloromethane	5.04	49	17732	23.39	ug/l	88
29) Tetrahydrofuran	5.18	42	80022	116.63	ug/l	97
30) Chloroform	5.23	83	44386	24.94	ug/l	100
31) Cyclohexane	5.59	56	36543	25.13	ug/l	99
32) 1,1,1-Trichloroethane	5.51	97	39847	24.33	ug/l	97
36) 1,1-Dichloropropene	5.81	75	34169	24.74	ug/l	96
37) Ethyl Acetate	4.87	43	44996	23.71	ug/l	97
38) Carbon Tetrachloride	5.79	117	33081	22.17	ug/l	94

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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	7.47	83	40653	24.45	ug/l	97
40) Benzene	6.16	78	99579	25.23	ug/l	97
41) Methacrylonitrile	5.08	41	23555	25.61	ug/l	96
42) 1,2-Dichloroethane	6.21	62	38247	26.41	ug/l	98
43) Isopropyl Acetate	6.48	43	65996	24.12	ug/l	98
44) Trichloroethene	7.23	130	27990	24.08	ug/l	98
45) 1,2-Dichloropropane	7.52	63	24174	24.99	ug/l	93
46) Dibromomethane	7.67	93	19427	25.74	ug/l	94
47) Bromodichloromethane	7.91	83	34741	24.92	ug/l	99
48) Methyl methacrylate	7.79	41	32834	24.48	ug/l	95
49) 1,4-Dioxane	7.77	88	14250	405.14	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	253757	126.86	ug/l	95
52) Toluene	8.79	92	66755	25.32	ug/l	97
53) t-1,3-Dichloropropene	8.45	75	40410	24.65	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	38553	23.69	ug/l	94
55) 1,1,2-Trichloroethane	9.23	97	27149	24.90	ug/l	95
56) Ethyl methacrylate	9.19	69	41245	24.65	ug/l	92
57) 1,3-Dichloropropane	9.38	76	45676	26.38	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	99061	117.14	ug/l	95
59) 2-Hexanone	9.51	43	211211	124.71	ug/l	96
60) Dibromochloromethane	9.59	129	27527	22.29	ug/l	100
61) 1,2-Dibromoethane	9.68	107	29714	24.56	ug/l	100
64) Tetrachloroethene	9.34	164	26168	23.27	ug/l	95
65) Chlorobenzene	10.15	112	77675	23.82	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	25249	22.13	ug/l	97
67) Ethyl Benzene	10.26	91	133696	24.43	ug/l	99
68) m/p-Xylenes	10.37	106	104105	48.03	ug/l	99
69) o-Xylene	10.71	106	50034	23.94	ug/l	97
70) Styrene	10.72	104	82761	24.21	ug/l	98
71) Bromoform	10.87	173	19960	19.26	ug/l #	98
73) Isopropylbenzene	11.02	105	135362	24.67	ug/l	97
74) N-amyl acetate	6.48	43	65996	23.80	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	47062	24.62	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	42952m	23.95	ug/l	
77) Bromobenzene	11.26	156	33653	22.63	ug/l	89
78) n-propylbenzene	11.37	91	164244	25.39	ug/l	97
79) 2-Chlorotoluene	11.43	91	91368	24.68	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	115428	24.88	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	13035	20.70	ug/l #	84
82) 4-Chlorotoluene	11.52	91	111338	24.86	ug/l	96
83) tert-Butylbenzene	11.78	119	113370	24.20	ug/l	97
84) 1,2,4-Trimethylbenzene	11.82	105	118525	24.61	ug/l	97
85) sec-Butylbenzene	11.96	105	144524	24.84	ug/l	96
86) p-Isopropyltoluene	12.07	119	126790	24.39	ug/l	98
87) 1,3-Dichlorobenzene	12.04	146	65103	22.82	ug/l	99
88) 1,4-Dichlorobenzene	12.11	146	66754	22.64	ug/l	96
89) n-Butylbenzene	12.40	91	123967	25.29	ug/l	97
90) Hexachloroethane	12.60	117	18244	21.55	ug/l	89
91) 1,2-Dichlorobenzene	12.40	146	64251	22.88	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	12368	23.31	ug/l	87

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX030218\
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	47088	22.35	ug/l	98
94) Hexachlorobutadiene	13.79	225	19257	20.95	ug/l	99
95) Naphthalene	13.84	128	166869	23.36	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	46076	22.16	ug/l	99

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

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