

Data File : VX000204.D
Acq On : 02 Mar 2018 20:41
Operator : JC/MD
Sample : VX0302WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0302WBSD01

Manual Integrations
APPROVED

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3/3/2018 1:20:28 PM

Quant Time: Mar 03 05:47:46 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	125194	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	214201	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	214589	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	121210	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	76085	48.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.34%	
35) Dibromofluoromethane	5.52	113	58717	43.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.86%	
50) Toluene-d8	8.73	98	232431	43.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.16%	
62) 4-Bromofluorobenzene	11.15	95	92041	44.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.04%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	36980	28.69	ug/l	99
3) Chloromethane	1.32	50	32097	25.39	ug/l	98
4) Vinyl Chloride	1.41	62	37531	26.65	ug/l	99
5) Bromomethane	1.65	94	35365	30.74	ug/l	98
6) Chloroethane	1.73	64	23423	24.76	ug/l	97
7) Trichlorofluoromethane	1.93	101	60341	23.96	ug/l	97
8) Diethyl Ether	2.20	74	20707	23.83	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	31955	22.70	ug/l	97
10) Methyl Iodide	2.52	142	20491	13.29	ug/l	97
11) Tert butyl alcohol	3.07	59	63107	104.75	ug/l	98
12) 1,1-Dichloroethene	2.38	96	30880	23.55	ug/l	89
13) Acrolein	2.30	56	35050	121.80	ug/l	97
14) Allyl chloride	2.74	41	52737	24.03	ug/l	95
15) Acrylonitrile	3.15	53	121511	118.10	ug/l	99
16) Acetone	2.45	43	124372	122.66	ug/l	97
17) Carbon Disulfide	2.57	76	75845	19.65	ug/l	100
18) Methyl Acetate	2.79	43	56335	23.69	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	104766	23.28	ug/l	98
20) Methylene Chloride	2.87	84	32746	24.52	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	32888	23.14	ug/l	93
22) Diisopropyl ether	3.88	45	80189	20.91	ug/l	90
23) Vinyl Acetate	3.84	43	391350	109.81	ug/l	95
24) 1,1-Dichloroethane	3.70	63	54961	24.19	ug/l	99
25) 2-Butanone	4.72	43	159643	112.78	ug/l	99
26) 2,2-Dichloropropane	4.60	77	38425	19.46	ug/l	99
27) cis-1,2-Dichloroethene	4.61	96	30767	22.72	ug/l	97
28) Bromochloromethane	5.03	49	18965	18.62	ug/l	87
29) Tetrahydrofuran	5.18	42	102821	111.54	ug/l	95
30) Chloroform	5.23	83	52230	21.84	ug/l	96
31) Cyclohexane	5.59	56	43921	22.48	ug/l	98
32) 1,1,1-Trichloroethane	5.51	97	47016	21.37	ug/l	96
36) 1,1-Dichloropropene	5.81	75	39776	20.69	ug/l	97
37) Ethyl Acetate	4.87	43	56039	21.22	ug/l	97
38) Carbon Tetrachloride	5.79	117	38928	18.75	ug/l	97

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	47837	20.67	ug/l	97
40) Benzene	6.16	78	116458	21.20	ug/l	100
41) Methacrylonitrile	5.07	41	28026	21.82	ug/l	96
42) 1,2-Dichloroethane	6.21	62	45922	22.79	ug/l	98
43) Isopropyl Acetate	6.48	43	81723	21.46	ug/l	97
44) Trichloroethene	7.22	130	32408	20.04	ug/l	94
45) 1,2-Dichloropropane	7.52	63	29800	22.14	ug/l	97
46) Dibromomethane	7.67	93	23118	22.01	ug/l	95
47) Bromodichloromethane	7.91	83	39546	20.38	ug/l	97
48) Methyl methacrylate	7.79	41	40384	21.63	ug/l	93
49) 1,4-Dioxane	7.77	88	17177	350.92	ug/l	96
51) 4-Methyl-2-Pentanone	8.66	43	317735	114.14	ug/l	95
52) Toluene	8.79	92	78874	21.50	ug/l	97
53) t-1,3-Dichloropropene	8.45	75	46787	20.51	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	45812	20.23	ug/l #	91
55) 1,1,2-Trichloroethane	9.23	97	32695	21.55	ug/l	97
56) Ethyl methacrylate	9.19	69	49564	21.29	ug/l	91
57) 1,3-Dichloropropane	9.38	76	53907	22.37	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	99334	84.40	ug/l	95
59) 2-Hexanone	9.51	43	268012	113.71	ug/l	96
60) Dibromochloromethane	9.59	129	31389	18.26	ug/l	99
61) 1,2-Dibromoethane	9.68	107	35158	20.88	ug/l	97
64) Tetrachloroethene	9.35	164	30594	19.58	ug/l	92
65) Chlorobenzene	10.15	112	90246	19.92	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	30189	19.04	ug/l	99
67) Ethyl Benzene	10.26	91	158278	20.81	ug/l	98
68) m/p-Xylenes	10.37	106	124509	41.35	ug/l	98
69) o-Xylene	10.71	106	59479	20.48	ug/l	96
70) Styrene	10.72	104	97509	20.53	ug/l	97
71) Bromoform	10.87	173	23823	16.55	ug/l #	100
73) Isopropylbenzene	11.03	105	161963	21.08	ug/l	97
74) N-amyl acetate	6.48	43	81723	21.06	ug/l #	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	58044	21.70	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	51904m	20.67	ug/l	
77) Bromobenzene	11.26	156	40449	19.43	ug/l	91
78) n-propylbenzene	11.37	91	193125	21.32	ug/l	97
79) 2-Chlorotoluene	11.43	91	108644	20.97	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	136324	20.99	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	14772	16.76	ug/l #	82
82) 4-Chlorotoluene	11.52	91	132469	21.13	ug/l	96
83) tert-Butylbenzene	11.78	119	136195	20.77	ug/l	98
84) 1,2,4-Trimethylbenzene	11.82	105	140427	20.83	ug/l	100
85) sec-Butylbenzene	11.96	105	171783	21.09	ug/l	98
86) p-Isopropyltoluene	12.07	119	149969	20.61	ug/l	98
87) 1,3-Dichlorobenzene	12.04	146	78239	19.59	ug/l	98
88) 1,4-Dichlorobenzene	12.11	146	79974	19.38	ug/l	97
89) n-Butylbenzene	12.40	91	144111	21.00	ug/l	96
90) Hexachloroethane	12.60	117	22506	18.99	ug/l	88
91) 1,2-Dichlorobenzene	12.40	146	77537	19.73	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	14938	20.12	ug/l	90

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	53958	18.30	ug/l	99
94) Hexachlorobutadiene	13.79	225	22726	17.66	ug/l	97
95) Naphthalene	13.84	128	200905	20.09	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	54171	18.61	ug/l	97

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

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