

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX030718\
 Data File : VX000208.D
 Acq On : 07 Mar 2018 13:01
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

apatel
 3/8/2018 10:42:14 AM

Quant Time: Mar 08 00:46:41 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 08 00:32:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	139651	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	232727	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	237374	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	135856	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	39780	22.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	44.58%	
35) Dibromofluoromethane	5.52	113	30193	20.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.96%	
50) Toluene-d8	8.73	98	122538	20.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.46%	
62) 4-Bromofluorobenzene	11.15	95	47537	20.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	28487	19.75	ug/l	99
3) Chloromethane	1.32	50	28387	20.09	ug/l	99
4) Vinyl Chloride	1.41	62	35096	22.12	ug/l	99
5) Bromomethane	1.65	94	30501	19.49	ug/l	97
6) Chloroethane	1.73	64	21790	20.29	ug/l	97
7) Trichlorofluoromethane	1.93	101	56506	19.88	ug/l	98
8) Diethyl Ether	2.20	74	20304	20.69	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	31240	19.74	ug/l	99
10) Methyl Iodide	2.52	142	25367	15.09	ug/l	99
11) Tert butyl alcohol	3.07	59	68935	101.60	ug/l	99
12) 1,1-Dichloroethene	2.38	96	29115	19.80	ug/l	93
13) Acrolein	2.30	56	36257	108.75	ug/l	99
14) Allyl chloride	2.73	41	53070	21.34	ug/l	99
15) Acrylonitrile	3.15	53	122924	105.35	ug/l	99
16) Acetone	2.45	43	135051	115.12	ug/l	99
17) Carbon Disulfide	2.58	76	78344	18.13	ug/l	99
18) Methyl Acetate	2.78	43	56833	20.99	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	103275	20.40	ug/l	99
20) Methylene Chloride	2.87	84	32034	19.55	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	31480	19.68	ug/l	97
22) Diisopropyl ether	3.88	45	92683	21.61	ug/l	100
23) Vinyl Acetate	3.84	43	466881	115.57	ug/l	99
24) 1,1-Dichloroethane	3.71	63	56702	21.50	ug/l	98
25) 2-Butanone	4.72	43	166273	103.66	ug/l	99
26) 2,2-Dichloropropane	4.59	77	39853	18.16	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	29614	19.61	ug/l	99
28) Bromochloromethane	5.03	49	22913	19.81	ug/l	# 12
29) Tetrahydrofuran	5.18	42	104620	100.63	ug/l	100
30) Chloroform	5.23	83	52202	19.40	ug/l	100
31) Cyclohexane	5.59	56	42654	19.36	ug/l	88
32) 1,1,1-Trichloroethane	5.51	97	47239	19.16	ug/l	98
36) 1,1-Dichloropropene	5.81	75	39163	18.71	ug/l	99
37) Ethyl Acetate	4.87	43	55267	19.14	ug/l	99
38) Carbon Tetrachloride	5.79	117	38605	17.27	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	47826	18.93	ug/l	94
40) Benzene	6.15	78	115084	19.21	ug/l	100
41) Methacrylonitrile	5.07	41	28097	18.63	ug/l	97
42) 1,2-Dichloroethane	6.21	62	45818	20.65	ug/l	100
43) Isopropyl Acetate	6.48	43	81975	19.61	ug/l	99
44) Trichloroethene	7.22	130	32519	18.54	ug/l	91
45) 1,2-Dichloropropane	7.52	63	29327	19.89	ug/l	91
46) Dibromomethane	7.67	93	23246	20.19	ug/l	99
47) Bromodichloromethane	7.91	83	41201	19.42	ug/l	96
48) Methyl methacrylate	7.79	41	39399	19.28	ug/l	98
49) 1,4-Dioxane	7.77	88	19130	364.25	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	318887	103.40	ug/l	99
52) Toluene	8.79	92	79190	19.65	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	48954	19.63	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	46899	18.95	ug/l	94
55) 1,1,2-Trichloroethane	9.23	97	32604	19.66	ug/l	99
56) Ethyl methacrylate	9.19	69	49323	19.34	ug/l	95
57) 1,3-Dichloropropane	9.38	76	55236	20.92	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	119299	92.73	ug/l	98
59) 2-Hexanone	9.51	43	272353	104.10	ug/l	99
60) Dibromochloromethane	9.59	129	33551	18.03	ug/l	99
61) 1,2-Dibromoethane	9.68	107	35824	19.42	ug/l	100
64) Tetrachloroethene	9.34	164	32062	18.86	ug/l	95
65) Chlorobenzene	10.15	112	93209	18.69	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	31966	18.49	ug/l	99
67) Ethyl Benzene	10.26	91	162686	19.35	ug/l	100
68) m/p-Xylenes	10.37	106	122977	36.90	ug/l	98
69) o-Xylene	10.71	106	60192	18.80	ug/l	98
70) Styrene	10.72	104	98985	18.85	ug/l	99
71) Bromoform	10.87	173	25888	16.60	ug/l #	99
73) Isopropylbenzene	11.02	105	164069	19.15	ug/l	99
74) N-amyl acetate	6.48	43	81975	19.03	ug/l #	59
75) 1,1,2,2-Tetrachloroethane	11.27	83	58246	19.49	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	53948m	19.33	ug/l	
77) Bromobenzene	11.26	156	40971	17.86	ug/l	97
78) n-propylbenzene	11.37	91	196193	19.42	ug/l	98
79) 2-Chlorotoluene	11.43	91	110131	19.12	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	137633	19.03	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.09	75	16927	17.50	ug/l	95
82) 4-Chlorotoluene	11.52	91	134631	19.18	ug/l	99
83) tert-Butylbenzene	11.78	119	133618	18.28	ug/l	97
84) 1,2,4-Trimethylbenzene	11.82	105	145377	19.33	ug/l	98
85) sec-Butylbenzene	11.96	105	173683	19.10	ug/l	99
86) p-Isopropyltoluene	12.07	119	152269	18.79	ug/l	98
87) 1,3-Dichlorobenzene	12.04	146	80114	18.05	ug/l	97
88) 1,4-Dichlorobenzene	12.11	146	81860	17.85	ug/l	99
89) n-Butylbenzene	12.40	91	148304	19.29	ug/l	99
90) Hexachloroethane	12.60	117	24106	18.41	ug/l	93
91) 1,2-Dichlorobenzene	12.40	146	78967	18.05	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	16514	19.95	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	57198	17.63	ug/l	99
94) Hexachlorobutadiene	13.79	225	23278	16.66	ug/l	98
95) Naphthalene	13.84	128	206554	18.64	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	56766	17.74	ug/l	99

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

