

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051218\
 Data File : VX001683.D
 Acq On : 12 May 2018 22:55
 Operator : JC/MD
 Sample : VX0512WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0512WBSD02

Manual Integrations
 APPROVED

apatel
 5/15/2018 6:32:00 PM

Quant Time: May 14 07:27:29 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:59:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	217931	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	283187	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	264437	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	184194	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	147949	47.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.46%	
35) Dibromofluoromethane	5.51	113	123486	49.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.04%	
50) Toluene-d8	8.72	98	429687	46.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.46%	
62) 4-Bromofluorobenzene	11.14	95	156777	44.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	54859	18.70	ug/l	99
3) Chloromethane	1.32	50	53011	18.55	ug/l	97
4) Vinyl Chloride	1.40	62	58716	19.69	ug/l	99
5) Bromomethane	1.64	94	31944	21.44	ug/l	98
6) Chloroethane	1.73	64	38370	19.47	ug/l	94
7) Trichlorofluoromethane	1.93	101	90296	20.12	ug/l	97
8) Diethyl Ether	2.19	74	36597	20.81	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	52938	20.12	ug/l	100
10) Methyl Iodide	2.51	142	59560	15.69	ug/l	99
11) Tert butyl alcohol	3.08	59	77666	117.60	ug/l	100
12) 1,1-Dichloroethene	2.38	96	48036	19.92	ug/l	94
13) Acrolein	2.29	56	9525	64.50	ug/l	94
14) Allyl chloride	2.73	41	90177	20.06	ug/l	97
15) Acrylonitrile	3.15	53	161085	107.94	ug/l	100
16) Acetone	2.45	43	144156	101.35	ug/l	98
17) Carbon Disulfide	2.57	76	104316	17.00	ug/l	99
18) Methyl Acetate	2.78	43	90605	24.25	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	177244	21.11	ug/l	98
20) Methylene Chloride	2.86	84	55928	19.86	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	50692	18.84	ug/l	99
22) Diisopropyl ether	3.88	45	177159	21.09	ug/l	99
23) Vinyl Acetate	3.83	43	719197	102.72	ug/l	99
24) 1,1-Dichloroethane	3.70	63	95344	20.32	ug/l	99
25) 2-Butanone	4.71	43	219984	107.00	ug/l	98
26) 1,2-Dichloropropane	4.59	77	62793	17.33	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	59915	20.90	ug/l	95
28) Bromochloromethane	5.03	49	47021	23.11	ug/l	99
29) Tetrahydrofuran	5.17	42	138579	105.35	ug/l	99
30) Chloroform	5.22	83	103640	21.44	ug/l	99
31) Cyclohexane	5.58	56	78242	19.41	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	88934	21.05	ug/l	99
36) 1,1-Dichloropropene	5.81	75	69990	19.43	ug/l	99
37) Ethyl Acetate	4.87	43	83282	21.09	ug/l	100
38) Carbon Tetrachloride	5.79	117	77910	20.28	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	77532	18.21	ug/l	94
40) Benzene	6.15	78	217600	20.68	ug/l	99
41) Methacrylonitrile	5.07	41	47944	21.22	ug/l	99
42) 1,2-Dichloroethane	6.20	62	85660	21.18	ug/l	100
43) Isopropyl Acetate	6.47	43	126325	20.84	ug/l	99
44) Trichloroethene	7.22	130	65102	20.24	ug/l	97
45) 1,2-Dichloropropane	7.52	63	55415	21.13	ug/l	99
46) Dibromomethane	7.67	93	39329	21.18	ug/l	99
47) Bromodichloromethane	7.90	83	73659	21.43	ug/l	98
48) Methyl methacrylate	7.79	41	67463	20.44	ug/l	99
49) 1,4-Dioxane	7.76	88	30446	426.94	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	440713	109.41	ug/l	99
52) Toluene	8.79	92	143796	20.90	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	80420	20.71	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	71226	19.20	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	58899	21.25	ug/l	98
56) Ethyl methacrylate	9.19	69	79456	19.89	ug/l	99
57) 1,3-Dichloropropane	9.38	76	96316	21.02	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	217512	111.00	ug/l	100
59) 2-Hexanone	9.50	43	322617	104.59	ug/l	100
60) Dibromochloromethane	9.59	129	59186	20.85	ug/l	100
61) 1,2-Dibromoethane	9.68	107	60385	20.75	ug/l	99
64) Tetrachloroethene	9.34	164	75480	20.48	ug/l	98
65) Chlorobenzene	10.15	112	159794	20.60	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	59413	21.42	ug/l	99
67) Ethyl Benzene	10.26	91	256547	20.18	ug/l	99
68) m/p-Xylenes	10.37	106	204210	40.66	ug/l	100
69) o-Xylene	10.70	106	100945	20.68	ug/l	99
70) Styrene	10.72	104	163569	20.63	ug/l	99
71) Bromoform	10.86	173	46153	19.63	ug/l #	100
73) Isopropylbenzene	11.02	105	269645	21.15	ug/l	100
74) N-amyl acetate	6.47	43	126325	21.81	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	83227	22.10	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	82613m	22.11	ug/l	
77) Bromobenzene	11.26	156	77359	20.87	ug/l	98
78) n-propylbenzene	11.37	91	294888	21.24	ug/l	99
79) 2-Chlorotoluene	11.43	91	180645	21.14	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	222470	20.96	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	18385	18.63	ug/l	93
82) 4-Chlorotoluene	11.52	91	205792	20.88	ug/l	99
83) tert-Butylbenzene	11.77	119	219689	20.80	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	230960	21.17	ug/l	100
85) sec-Butylbenzene	11.95	105	265037	20.90	ug/l	100
86) p-Isopropyltoluene	12.07	119	244981	21.06	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	137437	20.74	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	140191	20.74	ug/l	99
89) n-Butylbenzene	12.40	91	186957	19.40	ug/l	99
90) Hexachloroethane	12.60	117	36809	21.02	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	141556	21.00	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	18181	21.97	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	99526	20.17	ug/l	99
94) Hexachlorobutadiene	13.79	225	53321	19.75	ug/l	99
95) Naphthalene	13.84	128	288611	21.15	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	105399	20.82	ug/l	99

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

