

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041518\
 Data File : VX000891.D
 Acq On : 15 Apr 2018 12:48
 Operator : JC/MD
 Sample : VX0415WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0415WBS01

Manual Integrations
 APPROVED

apatel
 4/16/2018 3:35:00 PM

Quant Time: Apr 16 07:54:56 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	246623	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	337302	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	320444	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	216460	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	152425	49.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.04%	
35) Dibromofluoromethane	5.51	113	128059	49.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.56%	
50) Toluene-d8	8.72	98	473255	48.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.82%	
62) 4-Bromofluorobenzene	11.14	95	191045	47.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	56268	20.21	ug/l	99
3) Chloromethane	1.32	50	45840	19.20	ug/l	98
4) Vinyl Chloride	1.40	62	55659	20.73	ug/l	96
5) Bromomethane	1.65	94	32077	28.26	ug/l	99
6) Chloroethane	1.73	64	34427	21.16	ug/l	98
7) Trichlorofluoromethane	1.93	101	85923	21.21	ug/l	97
8) Diethyl Ether	2.19	74	32035	21.17	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	51440	21.54	ug/l	98
10) Methyl Iodide	2.51	142	25009	19.47	ug/l	100
11) Tert butyl alcohol	3.07	59	52807	95.65	ug/l	98
12) 1,1-Dichloroethene	2.38	96	47172	20.84	ug/l	99
13) Acrolein	2.30	56	12471	46.51	ug/l	99
14) Allyl chloride	2.73	41	85998	20.55	ug/l	100
15) Acrylonitrile	3.15	53	128935	109.54	ug/l	100
16) Acetone	2.45	43	113649	105.98	ug/l	100
17) Carbon Disulfide	2.57	76	117903	17.20	ug/l	100
18) Methyl Acetate	2.78	43	66091	23.82	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	163891	21.74	ug/l	97
20) Methylene Chloride	2.86	84	52380	21.00	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	50547	20.25	ug/l	100
22) Diisopropyl ether	3.88	45	171596	22.31	ug/l	99
23) Vinyl Acetate	3.83	43	730674	108.19	ug/l	98
24) 1,1-Dichloroethane	3.70	63	92274	21.38	ug/l	98
25) 2-Butanone	4.71	43	185227	104.60	ug/l	99
26) 2,2-Dichloropropane	4.59	77	84693	19.77	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	60441	21.34	ug/l	99
28) Bromochloromethane	5.03	49	36002	20.71	ug/l	97
29) Tetrahydrofuran	5.17	42	118533	105.42	ug/l	99
30) Chloroform	5.23	83	98717	21.60	ug/l	99
31) Cyclohexane	5.59	56	83760	20.43	ug/l	97
32) 1,1,1-Trichloroethane	5.51	97	89900	20.65	ug/l	99
36) 1,1-Dichloropropene	5.81	75	74212	19.98	ug/l	99
37) Ethyl Acetate	4.87	43	73719	20.33	ug/l	100
38) Carbon Tetrachloride	5.79	117	78005	18.76	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	87213	19.55	ug/l	98
40) Benzene	6.15	78	216331	20.96	ug/l	100
41) Methacrylonitrile	5.07	41	43259	20.65	ug/l	99
42) 1,2-Dichloroethane	6.21	62	81300	21.09	ug/l	99
43) Isopropyl Acetate	6.47	43	122392	19.69	ug/l	100
44) Trichloroethene	7.22	130	65535	20.42	ug/l	98
45) 1,2-Dichloropropane	7.52	63	55540	21.13	ug/l	98
46) Dibromomethane	7.67	93	37200	20.30	ug/l	99
47) Bromodichloromethane	7.91	83	72120	19.50	ug/l	100
48) Methyl methacrylate	7.79	41	65434	20.30	ug/l	99
49) 1,4-Dioxane	7.76	88	23405	361.38	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	382486	104.73	ug/l	100
52) Toluene	8.79	92	141655	20.69	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	88021	19.84	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	82301	19.05	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	57152	21.02	ug/l	99
56) Ethyl methacrylate	9.19	69	84792	20.22	ug/l	98
57) 1,3-Dichloropropane	9.38	76	93123	21.55	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	206340	105.31	ug/l	100
59) 2-Hexanone	9.51	43	292776	103.84	ug/l	100
60) Dibromochloromethane	9.59	129	61653	18.95	ug/l	100
61) 1,2-Dibromoethane	9.68	107	60260	20.89	ug/l	100
64) Tetrachloroethene	9.34	164	67903	21.67	ug/l	98
65) Chlorobenzene	10.15	112	169250	21.00	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	59497	19.61	ug/l	99
67) Ethyl Benzene	10.26	91	277122	20.62	ug/l	100
68) m/p-Xylenes	10.37	106	217332	40.97	ug/l	99
69) o-Xylene	10.71	106	105105	20.56	ug/l	99
70) Styrene	10.72	104	176409	20.47	ug/l	100
71) Bromoform	10.87	173	49336	17.56	ug/l	100
73) Isopropylbenzene	11.02	105	287382	20.93	ug/l	99
74) N-amyl acetate	6.47	43	122392	19.79	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	82883	20.80	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	77953m	20.88	ug/l	
77) Bromobenzene	11.26	156	82935	20.61	ug/l	100
78) n-propylbenzene	11.37	91	322534	20.53	ug/l	100
79) 2-Chlorotoluene	11.43	91	192371	20.72	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	241728	20.47	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	21392	15.76	ug/l	90
82) 4-Chlorotoluene	11.52	91	228998	20.44	ug/l	100
83) tert-Butylbenzene	11.77	119	246367	20.39	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	249807	20.49	ug/l	100
85) sec-Butylbenzene	11.95	105	293393	20.58	ug/l	100
86) p-Isopropyltoluene	12.07	119	271690	20.44	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	155156	20.83	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	156599	20.51	ug/l	99
89) n-Butylbenzene	12.40	91	239329	20.40	ug/l	100
90) Hexachloroethane	12.60	117	38727	17.22	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	149893	20.84	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	17346	17.37	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	126218	20.57	ug/l	100
94) Hexachlorobutadiene	13.79	225	62156	20.60	ug/l	99
95) Naphthalene	13.84	128	326195	20.71	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	124622	20.91	ug/l	99

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

