

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042418\
 Data File : VX001089.D
 Acq On : 24 Apr 2018 21:27
 Operator : JC/MD
 Sample : VX0424WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0424WBS02

Manual Integrations
 APPROVED

Sohil
 4/26/2018 4:06:22 AM

Quant Time: Apr 25 07:47:54 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 20 05:03:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	234695	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	322181	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	307176	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	205481	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	149254	50.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.34%	
35) Dibromofluoromethane	5.51	113	119512	48.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.30%	
50) Toluene-d8	8.72	98	428434	47.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.32%	
62) 4-Bromofluorobenzene	11.14	95	172888	45.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	63659	21.87	ug/l	96
3) Chloromethane	1.32	50	55203	20.37	ug/l	100
4) Vinyl Chloride	1.40	62	59633	21.23	ug/l	100
5) Bromomethane	1.64	94	40147	22.62	ug/l	96
6) Chloroethane	1.73	64	36395	21.80	ug/l	98
7) Trichlorofluoromethane	1.93	101	95697	22.67	ug/l	100
8) Diethyl Ether	2.19	74	35000	22.45	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	53738	21.73	ug/l	99
10) Methyl Iodide	2.51	142	35516	19.94	ug/l	99
11) Tert butyl alcohol	3.08	59	68196	151.99	ug/l	99
12) 1,1-Dichloroethene	2.38	96	49299	21.56	ug/l	97
13) Acrolein	2.30	56	21640	158.98	ug/l	99
14) Allyl chloride	2.73	41	91537	22.12	ug/l	99
15) Acrylonitrile	3.15	53	147751	121.68	ug/l	99
16) Acetone	2.45	43	138417	123.56	ug/l	99
17) Carbon Disulfide	2.57	76	116612	17.89	ug/l	99
18) Methyl Acetate	2.78	43	97534	28.77	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	177820	23.13	ug/l	100
20) Methylene Chloride	2.86	84	79751	33.26	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	53453	21.00	ug/l	98
22) Diisopropyl ether	3.88	45	175911	21.96	ug/l	100
23) Vinyl Acetate	3.83	43	711213	107.24	ug/l	100
24) 1,1-Dichloroethane	3.70	63	97300	21.65	ug/l	99
25) 2-Butanone	4.72	43	212405	121.46	ug/l	98
26) 2,2-Dichloropropane	4.59	77	70123	18.14	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	60635	21.38	ug/l	97
28) Bromochloromethane	5.03	49	38572	22.32	ug/l	95
29) Tetrahydrofuran	5.18	42	134565	121.77	ug/l	99
30) Chloroform	5.22	83	104005	22.35	ug/l	97
31) Cyclohexane	5.58	56	83020	19.79	ug/l	98
32) 1,1,1-Trichloroethane	5.51	97	89844	21.53	ug/l	99
36) 1,1-Dichloropropene	5.81	75	75286	19.89	ug/l	99
37) Ethyl Acetate	4.87	43	80459	23.17	ug/l	99
38) Carbon Tetrachloride	5.79	117	78025	20.35	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	85997	19.51	ug/l	98
40) Benzene	6.15	78	219527	20.86	ug/l	97
41) Methacrylonitrile	5.07	41	47654	21.97	ug/l	98
42) 1,2-Dichloroethane	6.21	62	89553	22.17	ug/l	99
43) Isopropyl Acetate	6.48	43	130456	21.89	ug/l	99
44) Trichloroethene	7.22	130	65527	20.38	ug/l	99
45) 1,2-Dichloropropane	7.52	63	57549	21.74	ug/l	97
46) Dibromomethane	7.67	93	39324	21.26	ug/l	99
47) Bromodichloromethane	7.91	83	72302	21.10	ug/l	98
48) Methyl methacrylate	7.79	41	70722	22.04	ug/l	97
49) 1,4-Dioxane	7.77	88	27228	577.13	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	439042	121.36	ug/l	97
52) Toluene	8.79	92	143844	20.94	ug/l	98
53) t-1,3-Dichloropropene	8.45	75	82680	20.18	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	75953	19.66	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	59692	21.86	ug/l	98
56) Ethyl methacrylate	9.19	69	86583	21.59	ug/l	98
57) 1,3-Dichloropropane	9.38	76	96877	21.42	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	206481	105.49	ug/l	99
59) 2-Hexanone	9.51	43	332976	120.25	ug/l	98
60) Dibromochloromethane	9.59	129	60065	20.94	ug/l	99
61) 1,2-Dibromoethane	9.68	107	62728	21.77	ug/l	100
64) Tetrachloroethene	9.34	164	69862	21.42	ug/l	99
65) Chlorobenzene	10.15	112	168580	20.61	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	59177	21.08	ug/l	98
67) Ethyl Benzene	10.26	91	278752	20.52	ug/l	99
68) m/p-Xylenes	10.37	106	219617	41.02	ug/l	99
69) o-Xylene	10.71	106	106937	20.72	ug/l	98
70) Styrene	10.72	104	174840	20.57	ug/l	99
71) Bromoform	10.87	173	46951	19.71	ug/l	99
73) Isopropylbenzene	11.02	105	290031	21.59	ug/l	99
74) N-amyl acetate	6.48	43	130456	22.70	ug/l	# 99
75) 1,1,2,2-Tetrachloroethane	11.27	83	89247	23.47	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	83880m	23.53	ug/l	
77) Bromobenzene	11.26	156	83097	21.31	ug/l	99
78) n-propylbenzene	11.37	91	321347	20.84	ug/l	99
79) 2-Chlorotoluene	11.43	91	195162	21.42	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	244639	21.48	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	18696	18.29	ug/l	87
82) 4-Chlorotoluene	11.52	91	230783	20.96	ug/l	98
83) tert-Butylbenzene	11.77	119	241838	21.05	ug/l	95
84) 1,2,4-Trimethylbenzene	11.81	105	251327	21.45	ug/l	99
85) sec-Butylbenzene	11.95	105	289725	21.13	ug/l	99
86) p-Isopropyltoluene	12.07	119	267860	21.12	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	149309	20.45	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	152786	20.39	ug/l	99
89) n-Butylbenzene	12.39	91	223768	19.83	ug/l	99
90) Hexachloroethane	12.60	117	37691	20.97	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	151308	21.41	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	19836	24.90	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	114555	19.31	ug/l	99
94) Hexachlorobutadiene	13.79	225	58542	21.81	ug/l	99
95) Naphthalene	13.84	128	327066	22.42	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	118696	20.69	ug/l	99

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

