

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061418\
 Data File : VU024528.D
 Acq On : 14 Jun 2018 10:43
 Operator : MD/SY
 Sample : VU0614WBS01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0614WBS01

Manual Integrations
 APPROVED

apatel
 6/15/2018 3:16:01 PM

Quant Time: Jun 15 02:07:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	190996	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	299060	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	284501	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	165882	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	137208	44.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.00%	
35) Dibromofluoromethane	4.89	113	119099	47.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.98%	
50) Toluene-d8	7.57	98	436904	48.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.52%	
62) 4-Bromofluorobenzene	10.31	95	168700	46.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	40800	17.066	ug/l	99
3) Chloromethane	1.33	50	48798	19.979	ug/l	98
4) Vinyl Chloride	1.40	62	47693	18.935	ug/l	98
5) Bromomethane	1.63	94	25474	20.921	ug/l	100
6) Chloroethane	1.70	64	28983	19.959	ug/l	99
7) Trichlorofluoromethane	1.89	101	71902	18.705	ug/l	98
8) Diethyl Ether	2.10	74	27362	19.779	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	2.29	101	41918	17.577	ug/l	97
10) Methyl Iodide	2.41	142	35637	21.078	ug/l	96
11) Tert butyl alcohol	2.82	59	66005	87.039	ug/l	99
12) 1,1-Dichloroethene	2.29	96	40213	18.491	ug/l	90
13) Acrolein	2.19	56	30134	75.671	ug/l	99
14) Allyl chloride	2.60	41	69208	17.139	ug/l	93
15) Acrylonitrile	2.94	53	139392	94.475	ug/l	99
16) Acetone	2.32	43	147394	87.979	ug/l	98
17) Carbon Disulfide	2.48	76	126146	18.115	ug/l	99
18) Methyl Acetate	2.62	43	67475	18.787	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	144658	17.695	ug/l	99
20) Methylene Chloride	2.71	84	46133	17.550	ug/l	96
21) trans-1,2-Dichloroethene	2.99	96	41950	17.514	ug/l	96
22) Diisopropyl ether	3.57	45	147594	18.439	ug/l	92
23) Vinyl Acetate	3.53	43	669512	93.370	ug/l	99
24) 1,1-Dichloroethane	3.45	63	82789	17.979	ug/l	99
25) 2-Butanone	4.26	43	215047	95.562	ug/l	98
26) 2,2-Dichloropropane	4.23	77	76875	17.581	ug/l	98
27) cis-1,2-Dichloroethene	4.23	96	50557	18.359	ug/l	96
28) Bromochloromethane	4.55	49	42881	21.142	ug/l	89
29) Tetrahydrofuran	4.64	42	130529	93.666	ug/l	97
30) Chloroform	4.68	83	85091	18.256	ug/l	100
31) Cyclohexane	5.00	56	79711	18.239	ug/l	95
32) 1,1,1-Trichloroethane	4.92	97	76002	17.634	ug/l	96
36) 1,1-Dichloropropene	5.14	75	63473	18.062	ug/l	97
37) Ethyl Acetate	4.38	43	74820	19.534	ug/l	96
38) Carbon Tetrachloride	5.14	117	68465	17.717	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	79103	18.038	ug/l	96
40) Benzene	5.39	78	186739	18.649	ug/l	98
41) Methacrylonitrile	4.55	41	39391	19.075	ug/l	96
42) 1,2-Dichloroethane	5.41	62	66450	17.424	ug/l	99
43) Isopropyl Acetate	5.55	43	120268	18.165	ug/l	97
44) Trichloroethene	6.19	130	51477	18.063	ug/l	96
45) 1,2-Dichloropropane	6.44	63	51211	19.167	ug/l	99
46) Dibromomethane	6.56	93	35651	18.996	ug/l	96
47) Bromodichloromethane	6.76	83	68864	18.427	ug/l	98
48) Methyl methacrylate	6.63	41	58637	18.188	ug/l	97
49) 1,4-Dioxane	6.61	88	24341	386.077	ug/l	98
51) 4-Methyl-2-Pentanone	7.46	43	392857	94.449	ug/l	98
52) Toluene	7.64	92	117508	18.240	ug/l	99
53) t-1,3-Dichloropropene	7.89	75	76987	18.344	ug/l	97
54) cis-1,3-Dichloropropene	7.27	75	81031	18.120	ug/l	97
55) 1,1,2-Trichloroethane	8.07	97	48298	18.443	ug/l	98
56) Ethyl methacrylate	8.02	69	81670	18.633	ug/l	100
57) 1,3-Dichloropropane	8.25	76	81705	18.495	ug/l	97
58) 2-Chloroethyl Vinyl ether	7.13	63	167727	99.886	ug/l	96
59) 2-Hexanone	8.36	43	316189	93.112	ug/l	99
60) Dibromochloromethane	8.48	129	57762	17.688	ug/l	100
61) 1,2-Dibromoethane	8.59	107	54525	18.707	ug/l	100
64) Tetrachloroethene	8.23	164	44348	16.399	ug/l	96
65) Chlorobenzene	9.12	112	134907	18.562	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	50589	18.321	ug/l	99
67) Ethyl Benzene	9.25	91	235484	18.482	ug/l	95
68) m/p-Xylenes	9.38	106	182694	37.340	ug/l	97
69) o-Xylene	9.78	106	89171	18.416	ug/l	96
70) Styrene	9.80	104	147854	18.581	ug/l	99
71) Bromoform	9.96	173	48142	18.343	ug/l #	99
73) Isopropylbenzene	10.17	105	238346	18.715	ug/l	99
74) N-amyl acetate	10.01	43	112761	18.614	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	83131	19.479	ug/l	100
76) 1,2,3-Trichloropropane	10.50	75	73025m	19.995	ug/l	
77) Bromobenzene	10.46	156	60204	18.672	ug/l	95
78) n-propylbenzene	10.59	91	282086	18.803	ug/l	98
79) 2-Chlorotoluene	10.66	91	162060	18.318	ug/l	98
80) 1,3,5-Trimethylbenzene	10.78	105	203561	18.441	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	29761m	18.860	ug/l	
82) 4-Chlorotoluene	10.78	91	194535	18.892	ug/l	99
83) tert-Butylbenzene	11.10	119	206225	19.422	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	205151	18.237	ug/l	97
85) sec-Butylbenzene	11.33	105	249617	18.780	ug/l	97
86) p-Isopropyltoluene	11.48	119	220575	18.530	ug/l	97
87) 1,3-Dichlorobenzene	11.42	146	110730	18.589	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	113357	18.907	ug/l	99
89) n-Butylbenzene	11.89	91	201082	19.027	ug/l	97
90) Hexachloroethane	12.15	117	43409	18.693	ug/l	98
91) 1,2-Dichlorobenzene	11.88	146	110696	18.553	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	21479	18.240	ug/l	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	74386	20.189	ug/l	99
94) Hexachlorobutadiene	13.70	225	40847	19.697	ug/l	98
95) Naphthalene	13.75	128	219277	18.412	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	75519	20.570	ug/l	99

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

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