

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061418\
 Data File : VU024559.D
 Acq On : 14 Jun 2018 23:26
 Operator : MD/SY
 Sample : VU0614WBS02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0614WBS02

Manual Integrations
 APPROVED

apatel
 6/15/2018 3:29:23 PM

Quant Time: Jun 15 05:25:33 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	168144	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	267034	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	253439	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	149591	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	127825	46.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.14%	
35) Dibromofluoromethane	4.89	113	111884	50.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.98%	
50) Toluene-d8	7.57	98	411781	50.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.88%	
62) 4-Bromofluorobenzene	10.31	95	156872	48.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	36432	17.310	ug/l	97
3) Chloromethane	1.33	50	41052	19.092	ug/l	97
4) Vinyl Chloride	1.41	62	43450	19.594	ug/l	99
5) Bromomethane	1.63	94	24028	22.415	ug/l	98
6) Chloroethane	1.70	64	25605	20.033	ug/l	99
7) Trichlorofluoromethane	1.89	101	64698	19.118	ug/l	99
8) Diethyl Ether	2.10	74	25067	20.662	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.29	101	36944	17.597	ug/l	98
10) Methyl Iodide	2.42	142	25940	18.344	ug/l	95
11) Tert butyl alcohol	2.82	59	53504	80.143	ug/l	100
12) 1,1-Dichloroethene	2.29	96	35399	18.489	ug/l	92
13) Acrolein	2.20	56	26549	75.729	ug/l	96
14) Allyl chloride	2.60	41	60558	17.035	ug/l	91
15) Acrylonitrile	2.94	53	126357	97.280	ug/l	97
16) Acetone	2.32	43	103327	70.058	ug/l	95
17) Carbon Disulfide	2.48	76	112811	18.402	ug/l	99
18) Methyl Acetate	2.62	43	60171	19.030	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	133070	18.490	ug/l	98
20) Methylene Chloride	2.71	84	42313	18.284	ug/l	96
21) trans-1,2-Dichloroethene	2.99	96	39596	18.777	ug/l	94
22) Diisopropyl ether	3.57	45	132116	18.748	ug/l	89
23) Vinyl Acetate	3.53	43	589362	93.363	ug/l	97
24) 1,1-Dichloroethane	3.45	63	76531	18.878	ug/l	99
25) 2-Butanone	4.27	43	175131	88.401	ug/l	95
26) 2,2-Dichloropropane	4.23	77	53962	14.018	ug/l	93
27) cis-1,2-Dichloroethene	4.23	96	47074	19.418	ug/l	93
28) Bromochloromethane	4.55	49	37115	20.786	ug/l	85
29) Tetrahydrofuran	4.64	42	115013	93.748	ug/l	96
30) Chloroform	4.68	83	77929	18.992	ug/l	99
31) Cyclohexane	5.00	56	71736	18.691	ug/l	92
32) 1,1,1-Trichloroethane	4.92	97	68149	17.961	ug/l	95
36) 1,1-Dichloropropene	5.14	75	56374	17.966	ug/l	96
37) Ethyl Acetate	4.38	43	65797	19.239	ug/l #	94
38) Carbon Tetrachloride	5.14	117	62180	18.020	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	70292	17.951	ug/l	91
40) Benzene	5.39	78	168443	18.839	ug/l	98
41) Methacrylonitrile	4.54	41	35454	19.227	ug/l	95
42) 1,2-Dichloroethane	5.41	62	58963	17.315	ug/l	96
43) Isopropyl Acetate	5.55	43	107585	18.199	ug/l	98
44) Trichloroethene	6.19	130	46023	18.086	ug/l	99
45) 1,2-Dichloropropane	6.44	63	46472	19.479	ug/l	93
46) Dibromomethane	6.56	93	32609	19.459	ug/l	96
47) Bromodichloromethane	6.76	83	62281	18.664	ug/l	99
48) Methyl methacrylate	6.63	41	52377	18.195	ug/l	98
49) 1,4-Dioxane	6.62	88	18408	326.989	ug/l	98
51) 4-Methyl-2-Pentanone	7.46	43	353405	95.154	ug/l	99
52) Toluene	7.64	92	107885	18.755	ug/l	98
53) t-1,3-Dichloropropene	7.88	75	66376	17.713	ug/l	98
54) cis-1,3-Dichloropropene	7.27	75	70898	17.755	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	42923	18.357	ug/l	99
56) Ethyl methacrylate	8.02	69	71914	18.375	ug/l	99
57) 1,3-Dichloropropane	8.25	76	73864	18.726	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	142492	95.035	ug/l	96
59) 2-Hexanone	8.36	43	276831	91.299	ug/l	99
60) Dibromochloromethane	8.48	129	51847	17.781	ug/l	100
61) 1,2-Dibromoethane	8.59	107	48769	18.739	ug/l	98
64) Tetrachloroethene	8.23	164	42405	17.602	ug/l	97
65) Chlorobenzene	9.12	112	123118	19.016	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	46340	18.839	ug/l	98
67) Ethyl Benzene	9.25	91	211691	18.651	ug/l	97
68) m/p-Xylenes	9.38	106	163336	37.476	ug/l	97
69) o-Xylene	9.78	106	82787	19.193	ug/l	92
70) Styrene	9.80	104	133636	18.853	ug/l	100
71) Bromoform	9.96	173	42163	18.034	ug/l #	98
73) Isopropylbenzene	10.17	105	211176	18.387	ug/l	98
74) N-amyl acetate	10.01	43	98913	18.107	ug/l	96
75) 1,1,2,2-Tetrachloroethane	10.46	83	74473	19.350	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	63752m	19.357	ug/l	
77) Bromobenzene	10.46	156	56058	19.280	ug/l	95
78) n-propylbenzene	10.59	91	250373	18.506	ug/l	98
79) 2-Chlorotoluene	10.66	91	145404	18.225	ug/l	97
80) 1,3,5-Trimethylbenzene	10.78	105	180608	18.143	ug/l	98
81) trans-1,4-Dichloro-2-buten	10.51	75	23029m	16.183	ug/l	
82) 4-Chlorotoluene	10.78	91	171359	18.453	ug/l	98
83) tert-Butylbenzene	11.10	119	179213	18.716	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	184966	18.233	ug/l	98
85) sec-Butylbenzene	11.33	105	220686	18.412	ug/l	98
86) p-Isopropyltoluene	11.48	119	191145	17.806	ug/l	97
87) 1,3-Dichlorobenzene	11.42	146	99283	18.482	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	101119	18.703	ug/l	99
89) n-Butylbenzene	11.89	91	174312	18.290	ug/l	97
90) Hexachloroethane	12.15	117	36952	17.646	ug/l	100
91) 1,2-Dichlorobenzene	11.88	146	99839	18.556	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	18409	17.335	ug/l	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	65783	19.799	ug/l	99
94) Hexachlorobutadiene	13.70	225	33461	17.892	ug/l	98
95) Naphthalene	13.75	128	205601	19.117	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	67805	20.480	ug/l	98

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

