

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062018\
 Data File : VU024777.D
 Acq On : 21 Jun 2018 00:00
 Operator : MD/SY
 Sample : VU0620WBS02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0620WBS02

Manual Integrations
 APPROVED

apatel
 6/21/2018 1:44:59 PM

Quant Time: Jun 21 08:37:04 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	173354	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	272228	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	252894	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	146736	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	121663	42.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.98%	
35) Dibromofluoromethane	4.89	113	101446	44.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.80%	
50) Toluene-d8	7.57	98	365688	44.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.74%	
62) 4-Bromofluorobenzene	10.31	95	139498	42.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	40312	18.58	ug/l	97
3) Chloromethane	1.33	50	44510	20.08	ug/l	100
4) Vinyl Chloride	1.40	62	47181	20.64	ug/l	100
5) Bromomethane	1.62	94	29526	26.72	ug/l	99
6) Chloroethane	1.70	64	30200	23.07	ug/l	99
7) Trichlorofluoromethane	1.89	101	71836	20.59	ug/l	99
8) Diethyl Ether	2.10	74	27865	22.43	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.29	101	41014	18.95	ug/l	96
10) Methyl Iodide	2.41	142	34539	22.15	ug/l	99
11) Tert butyl alcohol	2.82	59	61023	88.66	ug/l	99
12) 1,1-Dichloroethene	2.29	96	40279	20.41	ug/l	89
13) Acrolein	2.19	56	29206	80.80	ug/l	98
14) Allyl chloride	2.60	41	64374	17.56	ug/l	96
15) Acrylonitrile	2.93	53	141285	105.50	ug/l	98
16) Acetone	2.32	43	119764	78.76	ug/l	96
17) Carbon Disulfide	2.48	76	115373	18.25	ug/l	99
18) Methyl Acetate	2.62	43	75607	23.19	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	145473	19.61	ug/l	97
20) Methylene Chloride	2.70	84	48090	20.16	ug/l	98
21) trans-1,2-Dichloroethene	2.99	96	42422	19.51	ug/l	93
22) Diisopropyl ether	3.57	45	146771	20.20	ug/l	95
23) Vinyl Acetate	3.53	43	628410	96.56	ug/l	99
24) 1,1-Dichloroethane	3.45	63	82898	19.83	ug/l	99
25) 2-Butanone	4.26	43	197519	96.71	ug/l	94
26) 2,2-Dichloropropane	4.23	77	60476	15.24	ug/l	96
27) cis-1,2-Dichloroethene	4.23	96	49274	19.71	ug/l	97
28) Bromochloromethane	4.55	49	33655	18.28	ug/l	88
29) Tetrahydrofuran	4.63	42	126971	100.38	ug/l	97
30) Chloroform	4.68	83	84970	20.09	ug/l	99
31) Cyclohexane	5.00	56	75944	19.25	ug/l	96
32) 1,1,1-Trichloroethane	4.92	97	76271	19.50	ug/l	96
36) 1,1-Dichloropropene	5.14	75	59631	18.64	ug/l	96
37) Ethyl Acetate	4.38	43	74290	21.31	ug/l	98
38) Carbon Tetrachloride	5.14	117	67300	19.13	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	73384	18.38	ug/l	95
40) Benzene	5.39	78	183753	20.16	ug/l	99
41) Methacrylonitrile	4.54	41	40718	21.66	ug/l	97
42) 1,2-Dichloroethane	5.41	62	69246	19.95	ug/l	100
43) Isopropyl Acetate	5.55	43	118956	19.74	ug/l	99
44) Trichloroethene	6.19	130	50082	19.31	ug/l	92
45) 1,2-Dichloropropane	6.44	63	50002	20.56	ug/l	96
46) Dibromomethane	6.56	93	35052	20.52	ug/l	95
47) Bromodichloromethane	6.76	83	65560	19.27	ug/l	98
48) Methyl methacrylate	6.63	41	59437	20.25	ug/l	98
49) 1,4-Dioxane	6.61	88	24825	432.56	ug/l	93
51) 4-Methyl-2-Pentanone	7.46	43	391475	103.39	ug/l	98
52) Toluene	7.64	92	116968	19.95	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	69247	18.13	ug/l	98
54) cis-1,3-Dichloropropene	7.27	75	75070	18.44	ug/l	97
55) 1,1,2-Trichloroethane	8.07	97	47559	19.95	ug/l	98
56) Ethyl methacrylate	8.02	69	80731	20.23	ug/l	99
57) 1,3-Dichloropropane	8.25	76	82664	20.56	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	140184	91.71	ug/l	95
59) 2-Hexanone	8.36	43	307805	99.58	ug/l	99
60) Dibromochloromethane	8.48	129	54653	18.39	ug/l	99
61) 1,2-Dibromoethane	8.59	107	52751	19.88	ug/l	96
64) Tetrachloroethene	8.23	164	46090	19.17	ug/l	99
65) Chlorobenzene	9.12	112	133389	20.65	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.21	131	49965	20.36	ug/l	97
67) Ethyl Benzene	9.25	91	226722	20.02	ug/l	97
68) m/p-Xylenes	9.38	106	175633	40.38	ug/l	97
69) o-Xylene	9.78	106	88372	20.53	ug/l	96
70) Styrene	9.80	104	141133	19.95	ug/l	99
71) Bromoform	9.96	173	43311	18.56	ug/l #	99
73) Isopropylbenzene	10.17	105	237042	21.04	ug/l	100
74) N-amyl acetate	10.01	43	109153	20.37	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	82663	21.90	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	71720m	22.20	ug/l	
77) Bromobenzene	10.45	156	61285	21.49	ug/l	95
78) n-propylbenzene	10.59	91	264555	19.93	ug/l	98
79) 2-Chlorotoluene	10.66	91	160227	20.47	ug/l	98
80) 1,3,5-Trimethylbenzene	10.78	105	202855	20.77	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	22811m	16.34	ug/l	
82) 4-Chlorotoluene	10.78	91	183014	20.09	ug/l	100
83) tert-Butylbenzene	11.10	119	198977	21.18	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	202353	20.33	ug/l	98
85) sec-Butylbenzene	11.33	105	241277	20.52	ug/l	98
86) p-Isopropyltoluene	11.48	119	209100	19.86	ug/l	98
87) 1,3-Dichlorobenzene	11.42	146	107168	20.34	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	107350	20.24	ug/l	100
89) n-Butylbenzene	11.89	91	168308	18.00	ug/l	97
90) Hexachloroethane	12.15	117	39006	18.99	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	113810	21.56	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	21104	20.26	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	71275	21.87	ug/l	99
94) Hexachlorobutadiene	13.70	225	36069	19.66	ug/l	97
95) Naphthalene	13.74	128	247399	23.30	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	76461	23.54	ug/l	99

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

