

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112718\
 Data File : VU028344.D
 Acq On : 27 Nov 2018 18:37
 Operator : MD/SY
 Sample : VU1127WBS01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1127WBS01

Manual Integrations
 APPROVED

sam
 11/28/2018 5:25:07 PM

Quant Time: Nov 28 04:51:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 02 02:28:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	203257	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	361156	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	328445	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	153246	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.30	65	177587	58.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.54%	
35) Dibromofluoromethane	4.88	113	126841	55.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.40%	
50) Toluene-d8	7.57	98	482355	54.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.68%	
62) 4-Bromofluorobenzene	10.30	95	176092	54.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	40361	15.63	ug/l	99
3) Chloromethane	1.33	50	91236	29.21	ug/l	98
4) Vinyl Chloride	1.40	62	62652	20.21	ug/l	97
5) Bromomethane	1.61	94	21277	18.91	ug/l	99
6) Chloroethane	1.69	64	38043	21.29	ug/l	96
7) Trichlorofluoromethane	1.88	101	72792	20.32	ug/l	96
8) Diethyl Ether	2.10	74	35034	22.84	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.28	101	43200	20.30	ug/l	99
10) Methyl Iodide	2.41	142	39121	24.67	ug/l	98
11) Tert butyl alcohol	2.83	59	76030	95.04	ug/l	99
12) 1,1-Dichloroethene	2.28	96	41036	19.26	ug/l	94
13) Acrolein	2.20	56	16438	50.44	ug/l	97
14) Allyl chloride	2.59	41	107732	20.69	ug/l	99
15) Acrylonitrile	2.94	53	208449	106.07	ug/l	99
16) Acetone	2.32	43	210195	112.11	ug/l	100
17) Carbon Disulfide	2.48	76	136753	19.64	ug/l	99
18) Methyl Acetate	2.61	43	115764	22.45	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	175150	20.39	ug/l	97
20) Methylene Chloride	2.70	84	56192	20.53	ug/l	98
21) trans-1,2-Dichloroethene	2.98	96	47760	19.43	ug/l	89
22) Diisopropyl ether	3.57	45	228686	21.28	ug/l	96
23) Vinyl Acetate	3.52	43	930887	100.77	ug/l	100
24) 1,1-Dichloroethane	3.45	63	112161	20.95	ug/l	100
25) 2-Butanone	4.26	43	316314	106.05	ug/l	99
26) 2,2-Dichloropropane	4.22	77	88408	22.00	ug/l	98
27) cis-1,2-Dichloroethene	4.22	96	56545	20.51	ug/l	95
28) Bromochloromethane	4.55	49	59094	23.54	ug/l	94
29) Tetrahydrofuran	4.64	42	194227	97.52	ug/l	99
30) Chloroform	4.67	83	101169	20.61	ug/l	97
31) Cyclohexane	4.99	56	107455	19.42	ug/l	99
32) 1,1,1-Trichloroethane	4.91	97	80834	20.69	ug/l	97
36) 1,1-Dichloropropene	5.13	75	72690	19.22	ug/l	99
37) Ethyl Acetate	4.38	43	107041	19.31	ug/l	100
38) Carbon Tetrachloride	5.13	117	63973	19.08	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.41	83	86746	19.01	ug/l	92
40) Benzene	5.39	78	232853	20.14	ug/l	99
41) Methacrylonitrile	4.54	41	61960	20.95	ug/l	99
42) 1,2-Dichloroethane	5.40	62	84042	20.44	ug/l	98
43) Isopropyl Acetate	5.55	43	173398	19.97	ug/l	99
44) Trichloroethene	6.19	130	48934	19.69	ug/l	92
45) 1,2-Dichloropropane	6.43	63	70505	21.14	ug/l	100
46) Dibromomethane	6.56	93	37454	19.54	ug/l	98
47) Bromodichloromethane	6.76	83	78687	21.30	ug/l	100
48) Methyl methacrylate	6.62	41	85692	20.14	ug/l	98
49) 1,4-Dioxane	6.61	88	28170	405.78	ug/l	96
51) 4-Methyl-2-Pentanone	7.46	43	567133	97.80	ug/l	100
52) Toluene	7.64	92	134273	19.75	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	88236	19.95	ug/l	98
54) cis-1,3-Dichloropropene	7.27	75	95779	21.03	ug/l	97
55) 1,1,2-Trichloroethane	8.06	97	56764	20.52	ug/l	94
56) Ethyl methacrylate	8.02	69	91277	18.71	ug/l	93
57) 1,3-Dichloropropane	8.24	76	101681	20.18	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.12	63	257453	98.55	ug/l	97
59) 2-Hexanone	8.36	43	451168	100.60	ug/l	98
60) Dibromochloromethane	8.48	129	53358	20.39	ug/l	99
61) 1,2-Dibromoethane	8.58	107	55631	18.93	ug/l	96
64) Tetrachloroethene	8.22	164	41772	19.61	ug/l	93
65) Chlorobenzene	9.12	112	135408	19.51	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	46803	19.75	ug/l	98
67) Ethyl Benzene	9.25	91	253229	19.83	ug/l	99
68) m/p-Xylenes	9.37	106	184618	39.84	ug/l	98
69) o-Xylene	9.78	106	89207	19.06	ug/l	94
70) Styrene	9.79	104	149689	20.02	ug/l	99
71) Bromoform	9.96	173	40111	20.19	ug/l #	100
73) Isopropylbenzene	10.16	105	245245	20.66	ug/l	99
74) N-amyl acetate	10.01	43	146568	20.42	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	101868	21.27	ug/l	98
76) 1,2,3-Trichloropropane	10.49	75	88884m	21.20	ug/l	
77) Bromobenzene	10.45	156	55599	20.42	ug/l	97
78) n-propylbenzene	10.58	91	298038	20.97	ug/l	98
79) 2-Chlorotoluene	10.66	91	177921	20.89	ug/l	97
80) 1,3,5-Trimethylbenzene	10.77	105	203160	20.66	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	31171m	18.73	ug/l	
82) 4-Chlorotoluene	10.77	91	198573	20.53	ug/l	99
83) tert-Butylbenzene	11.10	119	190756	19.40	ug/l	96
84) 1,2,4-Trimethylbenzene	11.15	105	208219	21.03	ug/l	97
85) sec-Butylbenzene	11.32	105	241312	20.18	ug/l	100
86) p-Isopropyltoluene	11.48	119	201300	20.14	ug/l	100
87) 1,3-Dichlorobenzene	11.42	146	101043	20.09	ug/l	99
88) 1,4-Dichlorobenzene	11.50	146	97736	18.96	ug/l	96
89) n-Butylbenzene	11.89	91	194203	20.44	ug/l	98
90) Hexachloroethane	12.14	117	30803	17.31	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	103420	20.45	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	22743	22.54	ug/l	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	62579	18.09	ug/l	100
94) Hexachlorobutadiene	13.69	225	31144	19.38	ug/l	98
95) Naphthalene	13.74	128	227228	17.96	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	68261	20.12	ug/l	97

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

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