

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112718\
 Data File : VU028349.D
 Acq On : 27 Nov 2018 20:38
 Operator : MD/SY
 Sample : VU1127WBSD01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1127WBSD01

Manual Integrations
 APPROVED

sam
 11/28/2018 5:25:16 PM

Quant Time: Nov 28 05:06:56 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	204077	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	360249	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	329956	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	157325	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	185107	61.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	122.02%	
35) Dibromofluoromethane	4.88	113	130915	57.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.28%	
50) Toluene-d8	7.57	98	502397	57.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.52%	
62) 4-Bromofluorobenzene	10.30	95	182878	56.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	42378	16.34	ug/l	100
3) Chloromethane	1.33	50	96147	30.66	ug/l	97
4) Vinyl Chloride	1.40	62	67782	21.78	ug/l	98
5) Bromomethane	1.61	94	23363	20.53	ug/l	96
6) Chloroethane	1.69	64	41317	23.03	ug/l	96
7) Trichlorofluoromethane	1.88	101	76384	21.24	ug/l	98
8) Diethyl Ether	2.10	74	36541	23.73	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.28	101	45042	21.08	ug/l	97
10) Methyl Iodide	2.41	142	39736	24.87	ug/l	99
11) Tert butyl alcohol	2.83	59	89001	110.80	ug/l	100
12) 1,1-Dichloroethene	2.28	96	45174	21.12	ug/l	100
13) Acrolein	2.20	56	16499	50.42	ug/l	98
14) Allyl chloride	2.59	41	114075	21.82	ug/l	99
15) Acrylonitrile	2.94	53	227406	115.25	ug/l	99
16) Acetone	2.32	43	210806	111.98	ug/l	99
17) Carbon Disulfide	2.48	76	145413	20.80	ug/l	100
18) Methyl Acetate	2.61	43	127870	24.69	ug/l	100
19) Methyl tert-butyl Ether	3.00	73	188242	21.82	ug/l	98
20) Methylene Chloride	2.70	84	69252	25.20	ug/l	97
21) trans-1,2-Dichloroethene	2.98	96	50663	20.53	ug/l	96
22) Diisopropyl ether	3.57	45	243375	22.55	ug/l	99
23) Vinyl Acetate	3.52	43	994500	107.22	ug/l	99
24) 1,1-Dichloroethane	3.44	63	118339	22.01	ug/l	98
25) 2-Butanone	4.26	43	339397	113.33	ug/l	99
26) 2,2-Dichloropropane	4.22	77	88358	21.90	ug/l	99
27) cis-1,2-Dichloroethene	4.22	96	59324	21.43	ug/l	96
28) Bromochloromethane	4.55	49	66587	26.42	ug/l	94
29) Tetrahydrofuran	4.64	42	217595	108.81	ug/l	99
30) Chloroform	4.67	83	106467	21.60	ug/l	96
31) Cyclohexane	5.00	56	112901	20.40	ug/l	99
32) 1,1,1-Trichloroethane	4.92	97	85431	21.77	ug/l	97
36) 1,1-Dichloropropene	5.14	75	78124	20.71	ug/l	98
37) Ethyl Acetate	4.38	43	115895	20.96	ug/l	98
38) Carbon Tetrachloride	5.13	117	68084	20.36	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.41	83	87496	19.23	ug/l	96
40) Benzene	5.39	78	243871	21.14	ug/l	99
41) Methacrylonitrile	4.54	41	68721	23.29	ug/l	98
42) 1,2-Dichloroethane	5.40	62	90699	22.12	ug/l	97
43) Isopropyl Acetate	5.55	43	187577	21.66	ug/l	99
44) Trichloroethene	6.19	130	52652	21.23	ug/l	95
45) 1,2-Dichloropropane	6.43	63	72650	21.84	ug/l	100
46) Dibromomethane	6.56	93	41970	21.95	ug/l	94
47) Bromodichloromethane	6.76	83	84085	22.82	ug/l	96
48) Methyl methacrylate	6.62	41	96801	22.81	ug/l	98
49) 1,4-Dioxane	6.61	88	34710	501.25	ug/l	99
51) 4-Methyl-2-Pentanone	7.46	43	625124	108.07	ug/l	99
52) Toluene	7.64	92	140229	20.68	ug/l	98
53) t-1,3-Dichloropropene	7.88	75	97180	21.91	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	102470	22.56	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	58232	21.11	ug/l	98
56) Ethyl methacrylate	8.02	69	100151	20.58	ug/l	96
57) 1,3-Dichloropropane	8.24	76	108318	21.55	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.13	63	277280	106.40	ug/l	98
59) 2-Hexanone	8.36	43	489678	109.46	ug/l	97
60) Dibromochloromethane	8.48	129	55188	21.14	ug/l	98
61) 1,2-Dibromoethane	8.58	107	60681	20.70	ug/l	99
64) Tetrachloroethene	8.23	164	45814	21.41	ug/l	97
65) Chlorobenzene	9.12	112	144527	20.73	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	47896	20.12	ug/l	96
67) Ethyl Benzene	9.25	91	270375	21.07	ug/l	98
68) m/p-Xylenes	9.37	106	191080	41.04	ug/l	94
69) o-Xylene	9.78	106	95911	20.40	ug/l	99
70) Styrene	9.79	104	155960	20.76	ug/l	99
71) Bromoform	9.96	173	41317	20.70	ug/l #	99
73) Isopropylbenzene	10.16	105	253453	20.80	ug/l	98
74) N-amyl acetate	10.01	43	160676	21.80	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	108067	21.98	ug/l	100
76) 1,2,3-Trichloropropane	10.49	75	95414m	22.17	ug/l	
77) Bromobenzene	10.45	156	56897	20.36	ug/l	89
78) n-propylbenzene	10.58	91	311005	21.32	ug/l	99
79) 2-Chlorotoluene	10.66	91	187025	21.39	ug/l	97
80) 1,3,5-Trimethylbenzene	10.77	105	212804	21.08	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	32089m	18.78	ug/l	
82) 4-Chlorotoluene	10.77	91	210481	21.20	ug/l	97
83) tert-Butylbenzene	11.10	119	201996	20.01	ug/l	96
84) 1,2,4-Trimethylbenzene	11.15	105	217456	21.39	ug/l	98
85) sec-Butylbenzene	11.32	105	257512	20.98	ug/l	99
86) p-Isopropyltoluene	11.48	119	208345	20.30	ug/l	98
87) 1,3-Dichlorobenzene	11.41	146	104760	20.29	ug/l	98
88) 1,4-Dichlorobenzene	11.51	146	105473	19.93	ug/l	98
89) n-Butylbenzene	11.89	91	203367	20.85	ug/l	97
90) Hexachloroethane	12.14	117	30124	16.49	ug/l	97
91) 1,2-Dichlorobenzene	11.88	146	107651	20.74	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	23809	22.98	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	65135	18.33	ug/l	98
94) Hexachlorobutadiene	13.69	225	31474	19.07	ug/l	97
95) Naphthalene	13.74	128	245839	18.94	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	69742	20.02	ug/l	99

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

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