

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU120518\
 Data File : VU028475.D
 Acq On : 05 Dec 2018 13:15
 Operator : MD/SY
 Sample : VU1205WBS02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1205WBS02

Manual Integrations
 APPROVED

MMDadoda
 12/6/2018 4:53:16 PM

Quant Time: Dec 06 03:02:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U112818W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 29 01:04:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	297469	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	511798	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	478086	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	234694	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	285943	57.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.04%	
35) Dibromofluoromethane	4.88	113	215396	63.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	126.58%	
50) Toluene-d8	7.57	98	851249	62.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	125.08%	
62) 4-Bromofluorobenzene	10.30	95	322081	65.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	131.32%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.21	85	88605	22.204	ug/l	96
3) Chloromethane	1.33	50	156007	20.169	ug/l	100
4) Vinyl Chloride	1.40	62	123477	22.816	ug/l	98
5) Bromomethane	1.63	94	52278	24.976	ug/l	98
6) Chloroethane	1.70	64	73852	23.716	ug/l	94
7) Trichlorofluoromethane	1.89	101	134179	23.869	ug/l	100
8) Diethyl Ether	2.10	74	64734	24.772	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	2.29	101	84902	25.927	ug/l	97
10) Methyl Iodide	2.41	142	54995	17.809	ug/l	94
11) Tert butyl alcohol	2.82	59	130482	115.530	ug/l	99
12) 1,1-Dichloroethene	2.29	96	84300	26.527	ug/l	87
13) Acrolein	2.20	56	96792	96.399	ug/l	98
14) Allyl chloride	2.59	41	166910	20.103	ug/l	97
15) Acrylonitrile	2.94	53	346925	116.124	ug/l	99
16) Acetone	2.32	43	330100	108.544	ug/l	97
17) Carbon Disulfide	2.48	76	261883	21.470	ug/l	99
18) Methyl Acetate	2.62	43	186505	22.027	ug/l	93
19) Methyl tert-butyl Ether	3.00	73	305149	23.422	ug/l	96
20) Methylene Chloride	2.70	84	99397	23.133	ug/l	89
21) trans-1,2-Dichloroethene	2.98	96	88943	24.133	ug/l	92
22) Diisopropyl ether	3.57	45	355041	21.720	ug/l #	94
23) Vinyl Acetate	3.53	43	1410076	103.778	ug/l	97
24) 1,1-Dichloroethane	3.45	63	185421	23.007	ug/l	99
25) 2-Butanone	4.26	43	473593	108.661	ug/l	97
26) 2,2-Dichloropropane	4.23	77	146802	22.936	ug/l	96
27) cis-1,2-Dichloroethene	4.23	96	103815	23.818	ug/l	93
28) Bromochloromethane	4.55	49	82338	20.432	ug/l	85
29) Tetrahydrofuran	4.64	42	313001	110.609	ug/l	92
30) Chloroform	4.67	83	170552	22.927	ug/l	100
31) Cyclohexane	5.00	56	181174	21.680	ug/l	90
32) 1,1,1-Trichloroethane	4.92	97	140894	23.603	ug/l	98
36) 1,1-Dichloropropene	5.14	75	131075	23.404	ug/l	97
37) Ethyl Acetate	4.38	43	169109	22.157	ug/l	96
38) Carbon Tetrachloride	5.13	117	108970	23.694	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.41	83	160176	24.258	ug/l	94
40) Benzene	5.39	78	402440	24.262	ug/l	98
41) Methacrylonitrile	4.54	41	96156	22.686	ug/l	94
42) 1,2-Dichloroethane	5.40	62	138261	23.138	ug/l	97
43) Isopropyl Acetate	5.55	43	277242	22.923	ug/l	97
44) Trichloroethene	6.19	130	93049	26.170	ug/l	95
45) 1,2-Dichloropropane	6.43	63	112903	23.243	ug/l	100
46) Dibromomethane	6.56	93	66724	23.914	ug/l	93
47) Bromodichloromethane	6.76	83	129326	23.303	ug/l	98
48) Methyl methacrylate	6.62	41	136445	21.658	ug/l	95
49) 1,4-Dioxane	6.61	88	47325	470.220	ug/l	92
51) 4-Methyl-2-Pentanone	7.46	43	865290	112.018	ug/l	95
52) Toluene	7.64	92	240801	25.210	ug/l	97
53) t-1,3-Dichloropropene	7.88	75	155773	23.473	ug/l	98
54) cis-1,3-Dichloropropene	7.27	75	168931	23.762	ug/l	95
55) 1,1,2-Trichloroethane	8.07	97	99448	25.016	ug/l	98
56) Ethyl methacrylate	8.02	69	163497	24.175	ug/l	94
57) 1,3-Dichloropropane	8.24	76	173860	23.849	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.13	63	412173	113.517	ug/l	96
59) 2-Hexanone	8.36	43	676105	112.996	ug/l	96
60) Dibromochloromethane	8.48	129	92935	24.581	ug/l	98
61) 1,2-Dibromoethane	8.58	107	101283	24.876	ug/l	94
64) Tetrachloroethene	8.23	164	81797	26.010	ug/l	97
65) Chlorobenzene	9.12	112	249163	25.099	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	82788	24.330	ug/l	98
67) Ethyl Benzene	9.25	91	459119	24.556	ug/l	98
68) m/p-Xylenes	9.37	106	333222	49.515	ug/l	99
69) o-Xylene	9.78	106	166664	24.913	ug/l	98
70) Styrene	9.79	104	271053	25.122	ug/l	97
71) Bromoform	9.96	173	67603	23.637	ug/l #	98
73) Isopropylbenzene	10.16	105	442229	24.227	ug/l	100
74) N-amyl acetate	10.01	43	230720	20.174	ug/l	95
75) 1,1,2,2-Tetrachloroethane	10.46	83	166946	22.241	ug/l	98
76) 1,2,3-Trichloropropane	10.49	75	150087m	23.061	ug/l	
77) Bromobenzene	10.45	156	105886	24.619	ug/l	92
78) n-propylbenzene	10.58	91	539064	23.939	ug/l	99
79) 2-Chlorotoluene	10.66	91	317452	23.915	ug/l	100
80) 1,3,5-Trimethylbenzene	10.77	105	362977	23.597	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	52969m	21.604	ug/l	
82) 4-Chlorotoluene	10.77	91	356605	23.316	ug/l	98
83) tert-Butylbenzene	11.10	119	344395	24.018	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	372296	23.896	ug/l	98
85) sec-Butylbenzene	11.32	105	447488	24.027	ug/l	98
86) p-Isopropyltoluene	11.48	119	382964	25.008	ug/l	99
87) 1,3-Dichlorobenzene	11.41	146	190096	24.233	ug/l	98
88) 1,4-Dichlorobenzene	11.51	146	193813	24.549	ug/l	99
89) n-Butylbenzene	11.89	91	369059	24.419	ug/l	98
90) Hexachloroethane	12.14	117	53926	22.555	ug/l	94
91) 1,2-Dichlorobenzene	11.88	146	191062	24.412	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	37228	22.297	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	129566	25.291	ug/l	99
94) Hexachlorobutadiene	13.69	225	61017	25.223	ug/l	99
95) Naphthalene	13.74	128	457227	24.670	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	137156	26.471	ug/l	99

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

