

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU083019\
 Data File : VU034066.D
 Acq On : 29 Aug 2019 16:50
 Operator : JC/SP
 Sample : VU0830WBS01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0830WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/3/2019 5:31:59 PM

Quant Time: Aug 30 05:03:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U082919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 29 04:11:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	424745	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	681868	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	653943	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.47	152	350657	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	261081	47.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.94%	
35) Dibromofluoromethane	4.86	113	218063	46.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.22%	
50) Toluene-d8	7.55	98	844278	47.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.36%	
62) 4-Bromofluorobenzene	10.29	95	308335	44.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.52%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.20	85	86252	20.191	ug/l	100
3) Chloromethane	1.32	50	107336	17.454	ug/l	99
4) Vinyl Chloride	1.40	62	111720	19.650	ug/l	98
5) Bromomethane	1.62	94	55173	16.238	ug/l	96
6) Chloroethane	1.69	64	69079	19.874	ug/l	99
7) Trichlorofluoromethane	1.88	101	130726	19.844	ug/l	98
8) Diethyl Ether	2.09	74	56513	20.053	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.28	101	82324	19.726	ug/l	100
10) Methyl Iodide	2.40	142	55583	9.389	ug/l	99
11) Tert butyl alcohol	2.80	59	106242	84.651	ug/l	99
12) 1,1-Dichloroethene	2.27	96	83881	19.727	ug/l	98
13) Acrolein	2.18	56	41099	77.844	ug/l	98
14) Allyl chloride	2.58	41	155273m	19.422	ug/l	
15) Acrylonitrile	2.92	53	282105	97.955	ug/l	99
16) Acetone	2.31	43	240727	86.687	ug/l	99
17) Carbon Disulfide	2.47	76	253295	18.822	ug/l	99
18) Methyl Acetate	2.60	43	135544	18.888	ug/l	98
19) Methyl tert-butyl Ether	2.98	73	279302	20.047	ug/l	99
20) Methylene Chloride	2.68	84	101197	19.250	ug/l	99
21) trans-1,2-Dichloroethene	2.97	96	91481	19.823	ug/l	99
22) Diisopropyl ether	3.55	45	300148	20.488	ug/l	94
23) Vinyl Acetate	3.50	43	1247801	99.154	ug/l	99
24) 1,1-Dichloroethane	3.43	63	176574	20.416	ug/l	99
25) 2-Butanone	4.24	43	366452	94.850	ug/l	100
26) 2,2-Dichloropropane	4.20	77	125788	17.874	ug/l	99
27) cis-1,2-Dichloroethene	4.20	96	101420	19.580	ug/l	99
28) Bromochloromethane	4.52	49	81630	19.157	ug/l	98
29) Tetrahydrofuran	4.61	42	240123	100.781	ug/l	99
30) Chloroform	4.65	83	170658	19.776	ug/l	99
31) Cyclohexane	4.97	56	155841	19.176	ug/l	98
32) 1,1,1-Trichloroethane	4.89	97	140342	19.857	ug/l	98
36) 1,1-Dichloropropene	5.12	75	123878	19.207	ug/l	99
37) Ethyl Acetate	4.36	43	134518	18.625	ug/l	99
38) Carbon Tetrachloride	5.11	117	119956	19.268	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.40	83	140913	18.537	ug/l	97
40) Benzene	5.37	78	384526	19.706	ug/l	98
41) Methacrylonitrile	4.52	41	72655	19.615	ug/l	99
42) 1,2-Dichloroethane	5.38	62	131781	19.557	ug/l	98
43) Isopropyl Acetate	5.53	43	203751	18.543	ug/l	100
44) Trichloroethene	6.17	130	99780	19.472	ug/l	99
45) 1,2-Dichloropropane	6.41	63	105763	19.689	ug/l	100
46) Dibromomethane	6.54	93	68756	19.868	ug/l	98
47) Bromodichloromethane	6.74	83	129479	19.123	ug/l	99
48) Methyl methacrylate	6.60	41	97999	18.483	ug/l	100
49) 1,4-Dioxane	6.59	88	41622	313.303	ug/l	99
51) 4-Methyl-2-Pentanone	7.44	43	710379	93.616	ug/l	99
52) Toluene	7.62	92	241077	20.055	ug/l	99
53) t-1,3-Dichloropropene	7.86	75	136016	18.104	ug/l	99
54) cis-1,3-Dichloropropene	7.25	75	154627	18.839	ug/l	99
55) 1,1,2-Trichloroethane	8.05	97	94378	18.561	ug/l	95
56) Ethyl methacrylate	8.00	69	138637	17.090	ug/l	99
57) 1,3-Dichloropropane	8.22	76	165489	19.168	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.11	63	256519	91.191	ug/l	100
59) 2-Hexanone	8.34	43	535932	93.556	ug/l	98
60) Dibromochloromethane	8.46	129	102248	18.733	ug/l	98
61) 1,2-Dibromoethane	8.57	107	101143	18.883	ug/l	99
64) Tetrachloroethene	8.21	164	88270	20.099	ug/l	99
65) Chlorobenzene	9.10	112	258548	19.212	ug/l	97
66) 1,1,1,2-Tetrachloroethane	9.19	131	92465	18.948	ug/l	98
67) Ethyl Benzene	9.23	91	437657	19.185	ug/l	100
68) m/p-Xylenes	9.36	106	334598	38.574	ug/l	99
69) o-Xylene	9.76	106	159243	19.135	ug/l	99
70) Styrene	9.77	104	276346	19.367	ug/l	99
71) Bromoform	9.94	173	75921	17.907	ug/l #	98
73) Isopropylbenzene	10.15	105	430101	18.261	ug/l	100
74) N-amyl acetate	10.00	43	175090	17.675	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.44	83	161847	17.953	ug/l	100
76) 1,2,3-Trichloropropane	10.48	75	139701m	17.677	ug/l	
77) Bromobenzene	10.43	156	114693	18.102	ug/l	99
78) n-propylbenzene	10.57	91	503318	18.349	ug/l	99
79) 2-Chlorotoluene	10.64	91	305541	18.571	ug/l	99
80) 1,3,5-Trimethylbenzene	10.76	105	375436	18.807	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.49	75	38706m	16.491	ug/l	
82) 4-Chlorotoluene	10.76	91	350195	18.507	ug/l	100
83) tert-Butylbenzene	11.08	119	349486	17.784	ug/l	99
84) 1,2,4-Trimethylbenzene	11.13	105	371211	18.726	ug/l	99
85) sec-Butylbenzene	11.31	105	430924	18.295	ug/l	100
86) p-Isopropyltoluene	11.46	119	396274	18.602	ug/l	99
87) 1,3-Dichlorobenzene	11.40	146	209145	18.646	ug/l	99
88) 1,4-Dichlorobenzene	11.49	146	208921	18.417	ug/l	98
89) n-Butylbenzene	11.87	91	344766	18.357	ug/l	99
90) Hexachloroethane	12.13	117	58277	15.823	ug/l	99
91) 1,2-Dichlorobenzene	11.86	146	201682	18.770	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.64	75	31196	17.370	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.49	180	127943	17.481	ug/l	99
94) Hexachlorobutadiene	13.67	225	72525	17.254	ug/l	98
95) Naphthalene	13.73	128	334662	16.533	ug/l	99
96) 1,2,3-Trichlorobenzene	13.97	180	127415	18.511	ug/l	98

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

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