

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091019\
 Data File : VU034444.D
 Acq On : 10 Sep 2019 12:29
 Operator : JC/SP
 Sample : VU0910WBSD01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0910WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/11/2019 1:42:39 PM

Quant Time: Sep 11 06:35:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U090619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 06 05:10:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	259869	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	370753	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	367578	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	243822	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.29	65	203170	51.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.34%	
35) Dibromofluoromethane	4.86	113	183358	53.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.30%	
50) Toluene-d8	7.54	98	684968	52.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.70%	
62) 4-Bromofluorobenzene	10.29	95	251694	50.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	52916	19.470	ug/l	99
3) Chloromethane	1.32	50	61192	20.790	ug/l	99
4) Vinyl Chloride	1.40	62	64621	19.081	ug/l	98
5) Bromomethane	1.62	94	41374	21.659	ug/l	97
6) Chloroethane	1.69	64	42457	20.987	ug/l	96
7) Trichlorofluoromethane	1.88	101	94662	20.846	ug/l	97
8) Diethyl Ether	2.09	74	41279	20.666	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.28	101	61978	20.607	ug/l	99
10) Methyl Iodide	2.40	142	41893	17.900	ug/l	100
11) Tert butyl alcohol	2.81	59	99056	119.249	ug/l	96
12) 1,1-Dichloroethene	2.27	96	57536	20.349	ug/l	94
13) Acrolein	2.18	56	50591	72.463	ug/l	98
14) Allyl chloride	2.58	41	107377m	19.865	ug/l	
15) Acrylonitrile	2.92	53	223148	107.876	ug/l	100
16) Acetone	2.31	43	182545	89.714	ug/l	100
17) Carbon Disulfide	2.47	76	112279	17.669	ug/l	100
18) Methyl Acetate	2.60	43	100397	20.278	ug/l	97
19) Methyl tert-butyl Ether	2.98	73	223327	21.670	ug/l	98
20) Methylene Chloride	2.69	84	74292	22.068	ug/l	98
21) trans-1,2-Dichloroethene	2.97	96	60151	20.188	ug/l	96
22) Diisopropyl ether	3.55	45	229882	21.808	ug/l	93
23) Vinyl Acetate	3.51	43	911564	106.161	ug/l	99
24) 1,1-Dichloroethane	3.43	63	131795	20.936	ug/l	99
25) 2-Butanone	4.24	43	280178	103.154	ug/l	99
26) 2,2-Dichloropropane	4.20	77	101008	19.950	ug/l	99
27) cis-1,2-Dichloroethene	4.21	96	77957	21.543	ug/l	97
28) Bromochloromethane	4.53	49	63010	21.761	ug/l	99
29) Tetrahydrofuran	4.62	42	178393	107.936	ug/l	99
30) Chloroform	4.65	83	133688	20.892	ug/l	100
31) Cyclohexane	4.97	56	90482	19.647	ug/l	96
32) 1,1,1-Trichloroethane	4.89	97	111438	21.782	ug/l	98
36) 1,1-Dichloropropene	5.12	75	81793	20.342	ug/l	99
37) Ethyl Acetate	4.36	43	103737	21.821	ug/l	99
38) Carbon Tetrachloride	5.11	117	92255	21.489	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.40	83	83660	19.464	ug/l	99
40) Benzene	5.37	78	276456	21.308	ug/l	99
41) Methacrylonitrile	4.52	41	55802	22.037	ug/l	99
42) 1,2-Dichloroethane	5.39	62	99162	22.014	ug/l	99
43) Isopropyl Acetate	5.53	43	156121	21.052	ug/l	99
44) Trichloroethene	6.17	130	76118	21.201	ug/l	96
45) 1,2-Dichloropropane	6.41	63	80619	21.255	ug/l	100
46) Dibromomethane	6.54	93	52346	21.986	ug/l	99
47) Bromodichloromethane	6.74	83	107103	21.854	ug/l	98
48) Methyl methacrylate	6.60	41	71204	20.215	ug/l	97
49) 1,4-Dioxane	6.59	88	30995	402.975	ug/l	98
51) 4-Methyl-2-Pentanone	7.44	43	547235	106.602	ug/l	100
52) Toluene	7.62	92	177933	21.862	ug/l	99
53) t-1,3-Dichloropropene	7.86	75	105592	20.785	ug/l	100
54) cis-1,3-Dichloropropene	7.25	75	119415	21.417	ug/l	99
55) 1,1,2-Trichloroethane	8.04	97	79708	21.568	ug/l	97
56) Ethyl methacrylate	8.00	69	105014	20.629	ug/l	98
57) 1,3-Dichloropropane	8.22	76	128660	21.380	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.11	63	159780	95.138	ug/l	99
59) 2-Hexanone	8.34	43	407793	106.336	ug/l	98
60) Dibromochloromethane	8.45	129	88137	22.235	ug/l	100
61) 1,2-Dibromoethane	8.57	107	77289	21.367	ug/l	98
64) Tetrachloroethene	8.21	164	65476	20.532	ug/l	99
65) Chlorobenzene	9.10	112	199493	21.392	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.19	131	79160	22.242	ug/l	99
67) Ethyl Benzene	9.23	91	324799	21.301	ug/l	99
68) m/p-Xylenes	9.35	106	256111	44.605	ug/l	99
69) o-Xylene	9.76	106	121281	21.599	ug/l	97
70) Styrene	9.77	104	219883	22.335	ug/l	100
71) Bromoform	9.94	173	68080	22.072	ug/l #	97
73) Isopropylbenzene	10.14	105	339754	21.412	ug/l	100
74) N-amyl acetate	9.99	43	133272	20.866	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.43	83	138627	21.584	ug/l	100
76) 1,2,3-Trichloropropane	10.47	75	116984m	21.980	ug/l	
77) Bromobenzene	10.43	156	94843	21.377	ug/l	100
78) n-propylbenzene	10.57	91	394314	21.518	ug/l	99
79) 2-Chlorotoluene	10.64	91	245087	21.919	ug/l	100
80) 1,3,5-Trimethylbenzene	10.75	105	299680	22.582	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.49	75	31475m	19.888	ug/l	
82) 4-Chlorotoluene	10.75	91	280231	21.778	ug/l	100
83) tert-Butylbenzene	11.08	119	286864	21.608	ug/l	98
84) 1,2,4-Trimethylbenzene	11.12	105	295771	22.141	ug/l	100
85) sec-Butylbenzene	11.30	105	341892	21.814	ug/l	100
86) p-Isopropyltoluene	11.45	119	315304	21.797	ug/l	99
87) 1,3-Dichlorobenzene	11.40	146	175754	21.709	ug/l	99
88) 1,4-Dichlorobenzene	11.49	146	176858	20.944	ug/l	99
89) n-Butylbenzene	11.87	91	260399	20.714	ug/l	99
90) Hexachloroethane	12.12	117	48930	21.142	ug/l	99
91) 1,2-Dichlorobenzene	11.85	146	171773	21.589	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.64	75	26845	22.746	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.48	180	100477	19.662	ug/l	97
94) Hexachlorobutadiene	13.67	225	53162	19.101	ug/l	99
95) Naphthalene	13.72	128	270766	19.307	ug/l	99
96) 1,2,3-Trichlorobenzene	13.97	180	106551	20.746	ug/l	99

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

