

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041019\
 Data File : VU031002.D
 Acq On : 10 Apr 2019 10:21
 Operator : JC/SP
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00516

Quant Time: Apr 11 01:58:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 11 01:24:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	232117	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	233003	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	110988	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	72750	4.10	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.00%
7) Chloroethane-d5	1.68	69	67271	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.00%
11) 1,1-Dichloroethene-d2	2.27	63	167211	4.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.00%
20) 2-Butanone-d5	4.19	46	257691	56.38	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.76%
24) Chloroform-d	4.64	84	137716	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
26) 1,2-Dichloroethane-d4	5.31	65	83772	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.00%
32) Benzene-d6	5.33	84	264851	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.40%
36) 1,2-Dichloropropane-d6	6.32	67	89424	4.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.80%
41) Toluene-d8	7.56	98	236554	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.40%
43) trans-1,3-Dichloropropene-	7.85	79	33550	4.39	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.80%
46) 2-Hexanone-d5	8.31	63	177289	53.35	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.70%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	80256	5.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.80%
64) 1,2-Dichlorobenzene-d4	11.85	152	82558	4.45	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	135623	5.245 ug/L	98
3) Chloromethane	1.32	50	147865	4.878 ug/L	100
5) Vinyl chloride	1.40	62	149073	5.367 ug/L	97
6) Bromomethane	1.62	94	75979	5.592 ug/L	100
8) Chloroethane	1.69	64	86966	5.504 ug/L	99
9) Trichlorofluoromethane	1.88	101	181130	5.754 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	95874	5.476 ug/L	98
12) 1,1-Dichloroethene	2.28	96	89954	5.311 ug/L	91
13) Acetone	2.32	43	218502	61.834 ug/L	98
14) Carbon disulfide	2.47	76	307628	5.179 ug/L	100
15) Methyl Acetate	2.61	43	58627	6.422 ug/L	99
16) Methylene chloride	2.69	84	107165	5.428 ug/L	98
17) Methyl tert-butyl Ether	3.00	73	269617	5.947 ug/L	99
18) trans-1,2-Dichloroethene	2.97	96	97681	5.463 ug/L	97
19) 1,1-Dichloroethane	3.44	63	193946	5.128 ug/L	99
21) 2-Butanone	4.27	43	320771	57.277 ug/L	97
22) cis-1,2-Dichloroethene	4.22	96	98279	5.154 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.54	128	45912	6.027	ug/L	96
25) Chloroform	4.67	83	197099	5.716	ug/L	97
27) 1,2-Dichloroethane	5.40	62	120090	5.368	ug/L	96
29) 1,1,1-Trichloroethane	4.91	97	157931	5.321	ug/L	96
30) Cyclohexane	4.99	56	152216	4.248	ug/L	95
31) Carbon tetrachloride	5.13	117	136190	5.465	ug/L	97
33) Benzene	5.38	78	391278	4.964	ug/L	100
34) Trichloroethene	6.18	95	96857	4.909	ug/L	94
35) Methylcyclohexane	6.41	83	141887	4.506	ug/L	99
37) 1,2-Dichloropropane	6.43	63	105842	4.879	ug/L	100
38) Bromodichloromethane	6.75	83	132088	5.215	ug/L	96
39) cis-1,3-Dichloropropene	7.27	75	137151	4.728	ug/L	98
40) 4-Methyl-2-pentanone	7.46	43	733140	54.181	ug/L	99
42) Toluene	7.63	91	409117	5.176	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	116616	5.194	ug/L	97
45) 1,1,2-Trichloroethane	8.06	97	75198	5.814	ug/L	97
47) Tetrachloroethene	8.22	164	74636	5.393	ug/L	98
48) 2-Hexanone	8.36	43	541937	57.802	ug/L	98
49) Dibromochloromethane	8.47	129	84611	5.470	ug/L	85
50) 1,2-Dibromoethane	8.59	107	69117	5.733	ug/L	100
51) Chlorobenzene	9.12	112	242434	4.974	ug/L	99
52) Ethylbenzene	9.24	91	412410	4.892	ug/L	99
53) m,p-Xylene	9.37	106	148403	5.039	ug/L	98
54) o-Xylene	9.77	106	143317	4.963	ug/L	96
55) Styrene	9.79	104	257075	5.276	ug/L	98
56) Isopropylbenzene	10.16	105	382652	4.960	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.45	83	96716	5.624	ug/L	95
59) 1,2,3-Trichloropropane	10.49	75	69331	5.720	ug/L	99
61) Bromoform	9.95	173	47422	5.642	ug/L	98
62) 1,3-Dichlorobenzene	11.41	146	168530	4.812	ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	177221	4.827	ug/L	99
65) 1,2-Dichlorobenzene	11.87	146	171100	5.021	ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.65	75	15615	5.922	ug/L	95
67) 1,3,5-Trichlorobenzene	12.88	180	127837	4.892	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	94250	4.670	ug/L	94
69) Naphthalene	13.74	128	149145	4.602	ug/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	97160	5.166	ug/L	99

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

