

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041019\
 Data File : VU031004.D
 Acq On : 10 Apr 2019 11:23
 Operator : JC/SP
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00517

Quant Time: Apr 11 02:09:09 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	243760	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	246909	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	116663	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	70235	3.77	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.40%
7) Chloroethane-d5	1.68	69	66660	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.80%
11) 1,1-Dichloroethene-d2	2.27	63	167284	4.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.80%
20) 2-Butanone-d5	4.18	46	242541	50.53	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.06%
24) Chloroform-d	4.64	84	141161	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
26) 1,2-Dichloroethane-d4	5.31	65	81380	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
32) Benzene-d6	5.33	84	264599	4.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.60%
36) 1,2-Dichloropropane-d6	6.33	67	93647	4.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.80%
41) Toluene-d8	7.56	98	240193	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.80%
43) trans-1,3-Dichloropropene-	7.85	79	35023	4.33	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.60%
46) 2-Hexanone-d5	8.31	63	166852	47.38	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.76%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	81462	5.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	85974	4.41	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	141034	5.194	ug/L 99
3) Chloromethane	1.32	50	149047	4.682	ug/L 99
5) Vinyl chloride	1.40	62	148621	5.096	ug/L 99
6) Bromomethane	1.63	94	75332	5.280	ug/L 99
8) Chloroethane	1.70	64	81332	4.902	ug/L 97
9) Trichlorofluoromethane	1.88	101	182931	5.533	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	98823	5.375	ug/L 97
12) 1,1-Dichloroethene	2.28	96	93150	5.237	ug/L 92
13) Acetone	2.32	43	224486	60.493	ug/L 100
14) Carbon disulfide	2.47	76	319281	5.119	ug/L 99
15) Methyl Acetate	2.61	43	59774	6.235	ug/L 97
16) Methylene chloride	2.69	84	108602	5.238	ug/L 93
17) Methyl tert-butyl Ether	3.00	73	267978	5.628	ug/L 98
18) trans-1,2-Dichloroethene	2.97	96	98475	5.244	ug/L 99
19) 1,1-Dichloroethane	3.44	63	196329	4.943	ug/L 100
21) 2-Butanone	4.27	43	317587	54.000	ug/L 98
22) cis-1,2-Dichloroethene	4.22	96	102356	5.112	ug/L 94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.54	128	44867	5.609	ug/L	95
25) Chloroform	4.67	83	195941	5.411	ug/L	98
27) 1,2-Dichloroethane	5.40	62	124681	5.307	ug/L	96
29) 1,1,1-Trichloroethane	4.91	97	158115	5.027	ug/L	98
30) Cyclohexane	4.99	56	153805	4.050	ug/L	96
31) Carbon tetrachloride	5.13	117	135825	5.143	ug/L	92
33) Benzene	5.38	78	394960	4.729	ug/L	100
34) Trichloroethene	6.18	95	99851	4.776	ug/L	99
35) Methylcyclohexane	6.41	83	145201	4.351	ug/L	100
37) 1,2-Dichloropropane	6.43	63	107290	4.668	ug/L	99
38) Bromodichloromethane	6.75	83	135975	5.066	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	135728	4.415	ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	722675	50.399	ug/L	98
42) Toluene	7.63	91	415219	4.957	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	116173	4.883	ug/L	99
45) 1,1,2-Trichloroethane	8.06	97	75334	5.496	ug/L	95
47) Tetrachloroethene	8.22	164	77936	5.314	ug/L	97
48) 2-Hexanone	8.36	43	535393	53.888	ug/L	99
49) Dibromochloromethane	8.47	129	86101	5.253	ug/L	94
50) 1,2-Dibromoethane	8.58	107	70154	5.491	ug/L	99
51) Chlorobenzene	9.12	112	249121	4.823	ug/L	96
52) Ethylbenzene	9.25	91	412677	4.619	ug/L	98
53) m,p-Xylene	9.37	106	154089	4.938	ug/L	99
54) o-Xylene	9.78	106	148283	4.845	ug/L	95
55) Styrene	9.79	104	261650	5.068	ug/L	96
56) Isopropylbenzene	10.16	105	394105	4.821	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.45	83	95130	5.221	ug/L	94
59) 1,2,3-Trichloropropane	10.49	75	69796	5.434	ug/L	99
61) Bromoform	9.95	173	49881	5.646	ug/L	98
62) 1,3-Dichlorobenzene	11.41	146	175484	4.767	ug/L	100
63) 1,4-Dichlorobenzene	11.50	146	183887	4.765	ug/L	99
65) 1,2-Dichlorobenzene	11.87	146	177781	4.963	ug/L	94
66) 1,2-Dibromo-3-chloropropan	12.65	75	14132	5.099	ug/L	94
67) 1,3,5-Trichlorobenzene	12.88	180	135469	4.932	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	104797	4.940	ug/L	98
69) Naphthalene	13.74	128	156324	4.589	ug/L	98
70) 1,2,3-Trichlorobenzene	13.98	180	100189	5.068	ug/L	99

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

