

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU011819\
 Data File : VU029219.D
 Acq On : 18 Jan 2019 13:17
 Operator : JC/SP
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00556

Quant Time: Jan 18 23:10:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR122818WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jan 18 23:01:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	138346	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	137779	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	66895	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	35574	4.81	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.20%
7) Chloroethane-d5	1.68	69	30183	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.40%
11) 1,1-Dichloroethene-d2	2.27	63	73287	4.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.60%
20) 2-Butanone-d5	4.20	46	107222	55.41	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.82%
24) Chloroform-d	4.65	84	75408	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.80%
26) 1,2-Dichloroethane-d4	5.31	65	36593	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
32) Benzene-d6	5.34	84	145739	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
36) 1,2-Dichloropropane-d6	6.33	67	49868	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	7.56	98	137473	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
43) trans-1,3-Dichloropropene-	7.85	79	18877	4.88	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.60%
46) 2-Hexanone-d5	8.31	63	89602	50.76	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.52%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	39604	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	48769	4.36	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.20%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	63083	5.206	ug/L 100
3) Chloromethane	1.32	50	67920	5.024	ug/L 99
5) Vinyl chloride	1.40	62	73533	5.323	ug/L 97
6) Bromomethane	1.63	94	31274	4.890	ug/L 97
8) Chloroethane	1.70	64	42481	5.389	ug/L 98
9) Trichlorofluoromethane	1.88	101	77413	4.901	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	48717	4.779	ug/L 97
12) 1,1-Dichloroethene	2.28	96	44732	4.513	ug/L 85
13) Acetone	2.34	43	85018	54.431	ug/L 97
14) Carbon disulfide	2.48	76	161910	4.675	ug/L 98
15) Methyl Acetate	2.62	43	22577	4.933	ug/L 95
16) Methylene chloride	2.70	84	50523	3.560	ug/L 93
17) Methyl tert-butyl Ether	3.00	73	113693	4.671	ug/L 94
18) trans-1,2-Dichloroethene	2.98	96	49528	4.551	ug/L 92
19) 1,1-Dichloroethane	3.44	63	93353	5.053	ug/L 97
21) 2-Butanone	4.29	43	142217	60.858	ug/L 93
22) cis-1,2-Dichloroethene	4.22	96	55283	4.910	ug/L 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	24234	5.305	ug/L	96
25) Chloroform	4.67	83	95841	5.460	ug/L	99
27) 1,2-Dichloroethane	5.40	62	57191	5.507	ug/L	99
29) 1,1,1-Trichloroethane	4.91	97	77908	5.149	ug/L	98
30) Cyclohexane	4.99	56	84379	4.654	ug/L	95
31) Carbon tetrachloride	5.13	117	63104	5.237	ug/L	99
33) Benzene	5.39	78	222248	5.045	ug/L	100
34) Trichloroethene	6.18	95	54312	4.822	ug/L	95
35) Methylcyclohexane	6.41	83	87675	4.531	ug/L	95
37) 1,2-Dichloropropane	6.43	63	60134	5.358	ug/L	99
38) Bromodichloromethane	6.75	83	67169	5.316	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	77627	4.824	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	342131	57.287	ug/L	95
42) Toluene	7.63	91	227328	4.820	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	64372	5.133	ug/L	97
45) 1,1,2-Trichloroethane	8.06	97	39581	5.182	ug/L	97
47) Tetrachloroethene	8.22	164	43633	4.677	ug/L	97
48) 2-Hexanone	8.36	43	245137	59.338	ug/L	95
49) Dibromochloromethane	8.47	129	43084	5.313	ug/L	100
50) 1,2-Dibromoethane	8.58	107	36167	5.062	ug/L	95
51) Chlorobenzene	9.12	112	140042	4.734	ug/L	95
52) Ethylbenzene	9.25	91	234712	4.691	ug/L	97
53) m,p-xylene	9.37	106	88242	4.635	ug/L	98
54) o-xylene	9.78	106	85547	4.629	ug/L	97
55) Styrene	9.79	104	148343	4.823	ug/L	99
56) Isopropylbenzene	10.16	105	223581	4.587	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	51674	5.526	ug/L #	98
59) 1,2,3-Trichloropropane	10.49	75	35279	5.392	ug/L	99
61) Bromoform	9.96	173	25161	5.513	ug/L	95
62) 1,3-Dichlorobenzene	11.41	146	104823	4.636	ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	110008	4.767	ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	103089	4.818	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.66	75	6896	5.458	ug/L	93
67) 1,3,5-Trichlorobenzene	12.89	180	85837	4.906	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	68402	4.691	ug/L	99
69) Naphthalene	13.74	128	110165	4.417	ug/L	98
70) 1,2,3-Trichlorobenzene	13.99	180	64633	4.647	ug/L	99

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

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