

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU022819\
 Data File : VU029724.D
 Acq On : 28 Feb 2019 09:32
 Operator : JC/SP
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00542

Quant Time: Mar 01 00:17:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR022119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Feb 22 03:07:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	292404	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	282650	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	149581	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	82038	4.30	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.00%
7) Chloroethane-d5	1.68	69	78807	4.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.80%
11) 1,1-Dichloroethene-d2	2.27	63	171062	4.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.40%
20) 2-Butanone-d5	4.19	46	211972	49.10	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.20%
24) Chloroform-d	4.65	84	166748	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
26) 1,2-Dichloroethane-d4	5.31	65	82823	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
32) Benzene-d6	5.34	84	353999	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	6.33	67	105766	5.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.20%
41) Toluene-d8	7.56	98	336011	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
43) trans-1,3-Dichloropropene-	7.85	79	43301	4.99	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.80%
46) 2-Hexanone-d5	8.31	63	212228	49.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.92%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	89836	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	138291	4.70	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.00%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	113511	4.973	ug/L 100
3) Chloromethane	1.32	50	101157	5.128	ug/L 99
5) Vinyl chloride	1.40	62	118908	4.768	ug/L 95
6) Bromomethane	1.63	94	73872	5.351	ug/L 99
8) Chloroethane	1.70	64	70441	4.360	ug/L 97
9) Trichlorofluoromethane	1.88	101	162328	4.390	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	102248	4.481	ug/L 99
12) 1,1-Dichloroethene	2.28	96	99389	4.582	ug/L 91
13) Acetone	2.32	43	126740	40.860	ug/L 99
14) Carbon disulfide	2.48	76	317398	4.455	ug/L 100
15) Methyl Acetate	2.62	43	36670	4.052	ug/L 98
16) Methylene chloride	2.70	84	102630	4.001	ug/L 97
17) Methyl tert-butyl Ether	3.00	73	225177	4.342	ug/L 99
18) trans-1,2-Dichloroethene	2.98	96	105042	4.450	ug/L 98
19) 1,1-Dichloroethane	3.44	63	177348	4.825	ug/L 98
21) 2-Butanone	4.27	43	201909	46.914	ug/L 100
22) cis-1,2-Dichloroethene	4.22	96	106271	4.916	ug/L 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

23) Bromochloromethane	4.54	128	48529	4.975	ug/L	97
25) Chloroform	4.67	83	182417	4.958	ug/L	99
27) 1,2-Dichloroethane	5.40	62	100454	4.623	ug/L	99
29) 1,1,1-Trichloroethane	4.91	97	152195	5.180	ug/L	99
30) Cyclohexane	4.99	56	147797	5.083	ug/L	100
31) Carbon tetrachloride	5.13	117	135379	5.294	ug/L	99
33) Benzene	5.39	78	383264	5.131	ug/L	100
34) Trichloroethene	6.18	95	104735	5.023	ug/L	96
35) Methylcyclohexane	6.41	83	172991	5.115	ug/L	98
37) 1,2-Dichloropropane	6.43	63	94704	5.033	ug/L	99
38) Bromodichloromethane	6.75	83	123082	5.240	ug/L	97
39) cis-1,3-Dichloropropene	7.27	75	145234	5.273	ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	505782	47.824	ug/L	99
42) Toluene	7.63	91	424046	5.005	ug/L	97
44) trans-1,3-Dichloropropene	7.88	75	113678	5.142	ug/L	99
45) 1,1,2-Trichloroethane	8.06	97	70987	4.818	ug/L	98
47) Tetrachloroethene	8.22	164	94013	4.855	ug/L	98
48) 2-Hexanone	8.36	43	363012	46.933	ug/L	99
49) Dibromochloromethane	8.47	129	90559	5.073	ug/L	95
50) 1,2-Dibromoethane	8.58	107	68018	4.715	ug/L	98
51) Chlorobenzene	9.12	112	283611	4.873	ug/L	99
52) Ethylbenzene	9.25	91	471202	4.973	ug/L	98
53) m,p-xylene	9.37	106	187031	4.923	ug/L	99
54) o-xylene	9.77	106	181017	4.948	ug/L	99
55) Styrene	9.79	104	304539	4.983	ug/L	99
56) Isopropylbenzene	10.16	105	479853	4.888	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.45	83	86209	4.746	ug/L	99
59) 1,2,3-Trichloropropane	10.49	75	57061	4.541	ug/L	98
61) Bromoform	9.95	173	52551	5.297	ug/L	99
62) 1,3-Dichlorobenzene	11.41	146	235010	4.948	ug/L	97
63) 1,4-Dichlorobenzene	11.50	146	239770	4.978	ug/L	97
65) 1,2-Dichlorobenzene	11.88	146	226767	4.946	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.65	75	13449	4.990	ug/L	96
67) 1,3,5-Trichlorobenzene	12.88	180	192646	5.037	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	162597	5.031	ug/L	99
69) Naphthalene	13.74	128	255733	5.119	ug/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	150252	4.965	ug/L	99

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

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