

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU060419\
 Data File : VU032447.D
 Acq On : 04 Jun 2019 23:41
 Operator : JC/SP
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00520

Quant Time: Jun 05 00:20:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 04 22:54:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	99981	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	94050	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	48678	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	28828	4.43	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.60%
7) Chloroethane-d5	1.67	69	24045	4.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.60%
11) 1,1-Dichloroethene-d2	2.27	63	58756	4.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.20%
20) 2-Butanone-d5	4.18	46	85222	46.98	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.96%
24) Chloroform-d	4.64	84	55039	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
26) 1,2-Dichloroethane-d4	5.30	65	28937	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
32) Benzene-d6	5.33	84	106179	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
36) 1,2-Dichloropropane-d6	6.32	67	33080	4.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.80%
41) Toluene-d8	7.56	98	100118	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.60%
43) trans-1,3-Dichloropropene-	7.85	79	13371	4.34	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.80%
46) 2-Hexanone-d5	8.31	63	71933	46.62	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.24%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	28789	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.80%
64) 1,2-Dichlorobenzene-d4	11.85	152	41144	4.70	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	40958	4.774	ug/L 98
3) Chloromethane	1.32	50	42413	4.767	ug/L 97
5) Vinyl chloride	1.40	62	42669	4.879	ug/L 99
6) Bromomethane	1.61	94	25372	4.756	ug/L 96
8) Chloroethane	1.69	64	24191	4.330	ug/L 100
9) Trichlorofluoromethane	1.88	101	58311	4.659	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	31025	4.663	ug/L 99
12) 1,1-Dichloroethene	2.28	96	29945	4.714	ug/L 92
13) Acetone	2.32	43	61755	43.859	ug/L 100
14) Carbon disulfide	2.47	76	94282	4.635	ug/L 100
15) Methyl Acetate	2.61	43	16631	4.305	ug/L 97
16) Methylene chloride	2.69	84	33016	4.687	ug/L 97
17) Methyl tert-butyl Ether	3.00	73	88988	4.790	ug/L 99
18) trans-1,2-Dichloroethene	2.97	96	32528	4.746	ug/L 99
19) 1,1-Dichloroethane	3.43	63	59584	4.857	ug/L 97
21) 2-Butanone	4.27	43	96205	46.978	ug/L 99
22) cis-1,2-Dichloroethene	4.22	96	36946	4.763	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.54	128	16665	4.992	ug/L	98
25) Chloroform	4.67	83	62358	4.976	ug/L	97
27) 1,2-Dichloroethane	5.40	62	38888	4.721	ug/L	98
29) 1,1,1-Trichloroethane	4.90	97	54664	4.770	ug/L	99
30) Cyclohexane	4.98	56	56792	4.689	ug/L	99
31) Carbon tetrachloride	5.12	117	50052	4.803	ug/L	99
33) Benzene	5.38	78	135127	4.873	ug/L	100
34) Trichloroethene	6.18	95	36966	4.635	ug/L	97
35) Methylcyclohexane	6.40	83	58426	4.555	ug/L	100
37) 1,2-Dichloropropane	6.43	63	35046	4.885	ug/L	100
38) Bromodichloromethane	6.75	83	44414	4.816	ug/L	98
39) cis-1,3-Dichloropropene	7.27	75	52098	4.730	ug/L	98
40) 4-Methyl-2-pentanone	7.46	43	238572	46.727	ug/L	99
42) Toluene	7.63	91	147693	4.779	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	39963	4.544	ug/L	99
45) 1,1,2-Trichloroethane	8.06	97	25591	4.903	ug/L	99
47) Tetrachloroethene	8.22	164	30677	4.887	ug/L	97
48) 2-Hexanone	8.36	43	169880	46.561	ug/L	99
49) Dibromochloromethane	8.47	129	32238	4.829	ug/L	99
50) 1,2-Dibromoethane	8.58	107	25442	4.891	ug/L	97
51) Chlorobenzene	9.12	112	95479	4.928	ug/L	99
52) Ethylbenzene	9.24	91	166183	4.879	ug/L	99
53) m,p-Xylene	9.37	106	63927	4.951	ug/L	99
54) o-Xylene	9.77	106	63098	4.896	ug/L	97
55) Styrene	9.79	104	102919	4.855	ug/L	99
56) Isopropylbenzene	10.16	105	165121	4.858	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.45	83	32053	4.801	ug/L	97
59) 1,2,3-Trichloropropane	10.49	75	23005	4.883	ug/L	99
61) Bromoform	9.95	173	18262	4.669	ug/L	98
62) 1,3-Dichlorobenzene	11.41	146	79104	4.978	ug/L	100
63) 1,4-Dichlorobenzene	11.50	146	78896	4.884	ug/L	98
65) 1,2-Dichlorobenzene	11.87	146	77126	5.023	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.65	75	5044	4.679	ug/L	94
67) 1,3,5-Trichlorobenzene	12.88	180	63277	4.969	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	53818	5.241	ug/L	99
69) Naphthalene	13.74	128	95255	5.291	ug/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	50934	4.981	ug/L	98

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

