

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092719\
 Data File : VU034874.D
 Acq On : 27 Sep 2019 18:24
 Operator : JC/SP
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00525

Quant Time: Sep 28 00:32:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR091819WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Sep 28 00:27:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	73995	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	70109	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	36286	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	31165	5.30	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.00%
7) Chloroethane-d5	1.67	69	25670	5.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.40%
11) 1,1-Dichloroethene-d2	2.26	63	56184	5.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	108.20%
20) 2-Butanone-d5	4.17	46	82681	57.13	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.26%
24) Chloroform-d	4.62	84	40707	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
26) 1,2-Dichloroethane-d4	5.29	65	24794	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
32) Benzene-d6	5.32	84	93264	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
36) 1,2-Dichloropropane-d6	6.31	67	31755	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.80%
41) Toluene-d8	7.54	98	91849	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.20%
43) trans-1,3-Dichloropropene-	7.83	79	11054	4.34	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.80%
46) 2-Hexanone-d5	8.29	63	59337	52.34	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.68%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	24337	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.60%
64) 1,2-Dichlorobenzene-d4	11.84	152	32760	5.24	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	26830	4.788 ug/L	98
3) Chloromethane	1.32	50	28634	5.419 ug/L	99
5) Vinyl chloride	1.40	62	28835	5.210 ug/L	99
6) Bromomethane	1.62	94	16005	5.800 ug/L	95
8) Chloroethane	1.69	64	16883	5.232 ug/L	95
9) Trichlorofluoromethane	1.87	101	40410	5.508 ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	23299	5.653 ug/L #	87
12) 1,1-Dichloroethene	2.27	96	19195	5.259 ug/L	85
13) Acetone	2.31	43	63199	56.517 ug/L	97
14) Carbon disulfide	2.46	76	45350	4.847 ug/L	100
15) Methyl Acetate	2.60	43	15159	5.554 ug/L	95
16) Methylene chloride	2.68	84	26567	5.472 ug/L	98
17) Methyl tert-butyl Ether	2.98	73	68960	5.396 ug/L	99
18) trans-1,2-Dichloroethene	2.96	96	22049	5.814 ug/L	94
19) 1,1-Dichloroethane	3.42	63	45930	4.961 ug/L	99
21) 2-Butanone	4.26	43	90307	56.098 ug/L	99
22) cis-1,2-Dichloroethene	4.20	96	23922	4.716 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.52	128	9956	5.325	ug/L	94
25) Chloroform	4.65	83	50694	4.896	ug/L	93
27) 1,2-Dichloroethane	5.39	62	28409	4.768	ug/L	100
29) 1,1,1-Trichloroethane	4.89	97	33285	4.503	ug/L	95
30) Cyclohexane	4.96	56	37231	4.792	ug/L	96
31) Carbon tetrachloride	5.11	117	27818	4.625	ug/L	97
33) Benzene	5.36	78	93108	4.912	ug/L	100
34) Trichloroethene	6.16	95	23223	4.915	ug/L	96
35) Methylcyclohexane	6.39	83	34644	4.539	ug/L	99
37) 1,2-Dichloropropane	6.41	63	28251	4.827	ug/L	100
38) Bromodichloromethane	6.74	83	30177	4.309	ug/L	96
39) cis-1,3-Dichloropropene	7.25	75	35869	4.353	ug/L	99
40) 4-Methyl-2-pentanone	7.44	43	230186	52.182	ug/L	98
42) Toluene	7.61	91	101386	4.949	ug/L	98
44) trans-1,3-Dichloropropene	7.86	75	28496	4.263	ug/L	98
45) 1,1,2-Trichloroethane	8.04	97	18473	4.963	ug/L	98
47) Tetrachloroethene	8.20	164	16266	5.678	ug/L	88
48) 2-Hexanone	8.34	43	159505	53.802	ug/L	95
49) Dibromochloromethane	8.46	129	19714	4.515	ug/L	93
50) 1,2-Dibromoethane	8.57	107	16087	4.740	ug/L	97
51) Chlorobenzene	9.10	112	65040	5.065	ug/L	98
52) Ethylbenzene	9.23	91	112751	4.761	ug/L	97
53) m,p-Xylene	9.35	106	40312	4.800	ug/L	95
54) o-Xylene	9.76	106	41897	4.965	ug/L	99
55) Styrene	9.77	104	68908	4.917	ug/L	94
56) Isopropylbenzene	10.14	105	110741	4.724	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.44	83	25939	4.720	ug/L	99
59) 1,2,3-Trichloropropane	10.47	75	17719	4.634	ug/L	97
61) Bromoform	9.94	173	9712	4.052	ug/L #	95
62) 1,3-Dichlorobenzene	11.39	146	51057	4.793	ug/L	92
63) 1,4-Dichlorobenzene	11.49	146	51693	4.861	ug/L	95
65) 1,2-Dichlorobenzene	11.85	146	51019	4.893	ug/L	94
66) 1,2-Dibromo-3-chloropropan	12.63	75	3452	3.656	ug/L #	77
67) 1,3,5-Trichlorobenzene	12.86	180	36140	5.191	ug/L	96
68) 1,2,4-trichlorobenzene	13.48	180	26799	4.827	ug/L	95
69) Naphthalene	13.72	128	48031	3.553	ug/L	99
70) 1,2,3-Trichlorobenzene	13.97	180	26491	5.094	ug/L	97

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

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