

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100419\
 Data File : VU034926.D
 Acq On : 04 Oct 2019 10:26
 Operator : JC/SP
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00526

Quant Time: Oct 05 00:27:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR093019WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Sep 30 17:11:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	216507	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	211778	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	105514	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	70748	4.61	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.20%
7) Chloroethane-d5	1.67	69	59234	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.80%
11) 1,1-Dichloroethene-d2	2.26	63	118086	4.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.80%
20) 2-Butanone-d5	4.19	46	195992	44.91	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.82%
24) Chloroform-d	4.62	84	119296	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	5.29	65	67909	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.20%
32) Benzene-d6	5.32	84	247121	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
36) 1,2-Dichloropropane-d6	6.31	67	80704	4.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.60%
41) Toluene-d8	7.54	98	241395	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
43) trans-1,3-Dichloropropene-	7.83	79	31122	4.85	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.00%
46) 2-Hexanone-d5	8.30	63	151275	47.77	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.54%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	66883	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.20%
64) 1,2-Dichlorobenzene-d4	11.84	152	86749	4.96	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	56442	4.458	ug/L 99
3) Chloromethane	1.32	50	42042	4.021	ug/L 98
5) Vinyl chloride	1.40	62	53726	4.749	ug/L 99
6) Bromomethane	1.62	94	22607	4.097	ug/L 92
8) Chloroethane	1.69	64	31770	4.930	ug/L 96
9) Trichlorofluoromethane	1.87	101	74744	4.834	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	47438	4.937	ug/L 97
12) 1,1-Dichloroethene	2.27	96	35069	4.825	ug/L 75
13) Acetone	2.34	43	136243	42.658	ug/L 92
14) Carbon disulfide	2.46	76	58222	4.817	ug/L 99
15) Methyl Acetate	2.61	43	30991	4.623	ug/L 100
16) Methylene chloride	2.68	84	49316	4.301	ug/L 90
17) Methyl tert-butyl Ether	2.99	73	152728	4.760	ug/L 96
18) trans-1,2-Dichloroethene	2.96	96	37201	4.981	ug/L 93
19) 1,1-Dichloroethane	3.42	63	104890	4.538	ug/L 98
21) 2-Butanone	4.27	43	206344	42.907	ug/L 91
22) cis-1,2-Dichloroethene	4.20	96	54754	4.783	ug/L 84

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.52	128	23434	5.017	ug/L	84
25) Chloroform	4.65	83	120241	4.323	ug/L	99
27) 1,2-Dichloroethane	5.38	62	69058	4.215	ug/L	97
29) 1,1,1-Trichloroethane	4.89	97	87539	4.497	ug/L	98
30) Cyclohexane	4.96	56	63492	4.380	ug/L	96
31) Carbon tetrachloride	5.11	117	68044	4.509	ug/L	98
33) Benzene	5.36	78	200873	4.723	ug/L	100
34) Trichloroethene	6.16	95	51804	4.604	ug/L	94
35) Methylcyclohexane	6.39	83	67654	4.815	ug/L	95
37) 1,2-Dichloropropane	6.41	63	66317	4.564	ug/L	100
38) Bromodichloromethane	6.74	83	82784	4.563	ug/L	98
39) cis-1,3-Dichloropropene	7.25	75	89530	4.785	ug/L	99
40) 4-Methyl-2-pentanone	7.44	43	522993	41.533	ug/L	93
42) Toluene	7.61	91	219289	4.719	ug/L	98
44) trans-1,3-Dichloropropene	7.86	75	75319	4.794	ug/L	100
45) 1,1,2-Trichloroethane	8.05	97	50771	4.962	ug/L	98
47) Tetrachloroethene	8.20	164	38550	5.173	ug/L	98
48) 2-Hexanone	8.35	43	362251	43.354	ug/L #	93
49) Dibromochloromethane	8.46	129	57117	4.926	ug/L	99
50) 1,2-Dibromoethane	8.57	107	41950	5.082	ug/L	99
51) Chlorobenzene	9.10	112	155719	4.948	ug/L	98
52) Ethylbenzene	9.23	91	258456	4.674	ug/L	96
53) m,p-Xylene	9.35	106	91051	4.723	ug/L	96
54) o-Xylene	9.76	106	99061	4.854	ug/L	90
55) Styrene	9.77	104	167757	4.835	ug/L	93
56) Isopropylbenzene	10.14	105	274538	4.694	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.43	83	72932	4.857	ug/L	98
59) 1,2,3-Trichloropropane	10.47	75	48284	4.647	ug/L	96
61) Bromoform	9.94	173	32364	4.940	ug/L	98
62) 1,3-Dichlorobenzene	11.40	146	134893	4.953	ug/L	97
63) 1,4-Dichlorobenzene	11.49	146	133381	4.766	ug/L	99
65) 1,2-Dichlorobenzene	11.86	146	137325	4.915	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.64	75	10288	4.899	ug/L	95
67) 1,3,5-Trichlorobenzene	12.86	180	109803	5.495	ug/L	98
68) 1,2,4-trichlorobenzene	13.48	180	79772	5.590	ug/L	96
69) Naphthalene	13.72	128	116446	4.860	ug/L	99
70) 1,2,3-Trichlorobenzene	13.97	180	79469	5.548	ug/L	99

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

