

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101819\
 Data File : VU035262.D
 Acq On : 18 Oct 2019 13:05
 Operator : JC/SP
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00526

Quant Time: Oct 19 03:37:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 18 13:51:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	343454	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	326445	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	159944	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	88051	4.20	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.00%
7) Chloroethane-d5	1.93	69	85168	4.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.00%
11) 1,1-Dichloroethene-d2	2.60	63	174011	4.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.80%
20) 2-Butanone-d5	4.71	46	290874	48.33	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.66%
24) Chloroform-d	5.11	84	184884	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
26) 1,2-Dichloroethane-d4	5.75	65	98913	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
32) Benzene-d6	5.77	84	336785	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
36) 1,2-Dichloropropane-d6	6.74	67	113199	4.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.40%
41) Toluene-d8	7.93	98	313925	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.00%
43) trans-1,3-Dichloropropene-	8.21	79	50383	4.38	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.60%
46) 2-Hexanone-d5	8.68	63	244030	48.10	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.20%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	103967	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	128195	4.40	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	139046	4.757	ug/L 98
3) Chloromethane	1.54	50	144546	4.985	ug/L 99
5) Vinyl chloride	1.62	62	142991	4.802	ug/L 98
6) Bromomethane	1.87	94	81158	4.616	ug/L 99
8) Chloroethane	1.95	64	87866	4.576	ug/L 100
9) Trichlorofluoromethane	2.16	101	185286	4.660	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	109097	4.763	ug/L 98
12) 1,1-Dichloroethene	2.61	96	103169	4.676	ug/L 93
13) Acetone	2.68	43	202591	48.394	ug/L 99
14) Carbon disulfide	2.82	76	322409	4.621	ug/L 100
15) Methyl Acetate	3.00	43	44924	4.307	ug/L 97
16) Methylene chloride	3.08	84	117282	4.418	ug/L 96
17) Methyl tert-butyl Ether	3.43	73	274361	4.620	ug/L 99
18) trans-1,2-Dichloroethene	3.39	96	112460	4.723	ug/L 92
19) 1,1-Dichloroethane	3.92	63	210127	4.879	ug/L 99
21) 2-Butanone	4.79	43	310683	45.534	ug/L 100
22) cis-1,2-Dichloroethene	4.72	96	126280	4.798	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	54254	4.789	ug/L	97
25) Chloroform	5.14	83	219599	4.648	ug/L	100
27) 1,2-Dichloroethane	5.84	62	141542	4.885	ug/L	99
29) 1,1,1-Trichloroethane	5.36	97	182610	4.775	ug/L	99
30) Cyclohexane	5.43	56	186475	4.553	ug/L	97
31) Carbon tetrachloride	5.57	117	164004	4.763	ug/L	99
33) Benzene	5.82	78	468749	4.880	ug/L	100
34) Trichloroethene	6.58	95	124317	4.814	ug/L	99
35) Methylcyclohexane	6.80	83	203554	4.717	ug/L	99
37) 1,2-Dichloropropane	6.84	63	117569	4.822	ug/L	100
38) Bromodichloromethane	7.15	83	156296	4.758	ug/L	98
39) cis-1,3-Dichloropropene	7.65	75	189835	4.651	ug/L	99
40) 4-Methyl-2-pentanone	7.85	43	754444	45.834	ug/L	99
42) Toluene	8.01	91	508426	4.795	ug/L	97
44) trans-1,3-Dichloropropene	8.25	75	152921	4.585	ug/L	98
45) 1,1,2-Trichloroethane	8.44	97	87968	4.859	ug/L	99
47) Tetrachloroethene	8.58	164	100849	4.688	ug/L	97
48) 2-Hexanone	8.74	43	535089	46.353	ug/L	99
49) Dibromochloromethane	8.84	129	106588	4.644	ug/L	97
50) 1,2-Dibromoethane	8.96	107	86262	4.767	ug/L	99
51) Chlorobenzene	9.48	112	328260	4.795	ug/L	99
52) Ethylbenzene	9.60	91	572013	4.744	ug/L	99
53) m,p-Xylene	9.73	106	213608	4.692	ug/L	98
54) o-Xylene	10.13	106	212767	4.788	ug/L	96
55) Styrene	10.14	104	350837	4.850	ug/L	99
56) Isopropylbenzene	10.51	105	570981	4.777	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.81	83	114728	4.925	ug/L	96
59) 1,2,3-Trichloropropane	10.85	75	81386	4.791	ug/L	98
61) Bromoform	10.32	173	64462	4.351	ug/L	100
62) 1,3-Dichlorobenzene	11.77	146	258260	4.732	ug/L	99
63) 1,4-Dichlorobenzene	11.86	146	256272	4.776	ug/L	99
65) 1,2-Dichlorobenzene	12.24	146	245185	4.782	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.03	75	15472	4.272	ug/L	90
67) 1,3,5-Trichlorobenzene	13.24	180	168532	4.983	ug/L	98
68) 1,2,4-trichlorobenzene	13.87	180	114500	5.085	ug/L	99
69) Naphthalene	14.11	128	158259	5.121	ug/L	99
70) 1,2,3-Trichlorobenzene	14.36	180	112868	5.361	ug/L	99

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

