

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102219\
 Data File : VU035397.D
 Acq On : 23 Oct 2019 07:12
 Operator : JC/SP
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00511

Quant Time: Oct 23 08:16:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 23 08:10:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	240735	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	236668	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	115770	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	60904	4.15	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.00%
7) Chloroethane-d5	1.93	69	58792	4.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.60%
11) 1,1-Dichloroethene-d2	2.60	63	126932	4.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.60%
20) 2-Butanone-d5	4.71	46	242272	57.43	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.86%
24) Chloroform-d	5.11	84	137837	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.80%
26) 1,2-Dichloroethane-d4	5.75	65	75378	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
32) Benzene-d6	5.77	84	238809	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
36) 1,2-Dichloropropane-d6	6.74	67	85575	4.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.60%
41) Toluene-d8	7.93	98	212819	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.20%
43) trans-1,3-Dichloropropene-	8.22	79	32691	3.92	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.40%
46) 2-Hexanone-d5	8.68	63	181379	49.32	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.64%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	85087	5.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.20%
64) 1,2-Dichlorobenzene-d4	12.22	152	87913	4.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.40	85	111001	5.418	ug/L 98
3) Chloromethane	1.54	50	117648	5.789	ug/L 100
5) Vinyl chloride	1.62	62	122365	5.862	ug/L 99
6) Bromomethane	1.87	94	80225	6.510	ug/L 99
8) Chloroethane	1.95	64	73399	5.454	ug/L 95
9) Trichlorofluoromethane	2.16	101	155375	5.576	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	88128	5.489	ug/L 94
12) 1,1-Dichloroethene	2.61	96	82430	5.330	ug/L 88
13) Acetone	2.68	43	166926	56.889	ug/L 98
14) Carbon disulfide	2.82	76	258001	5.276	ug/L 100
15) Methyl Acetate	3.00	43	39854	5.451	ug/L 100
16) Methylene chloride	3.08	84	98770	5.309	ug/L 99
17) Methyl tert-butyl Ether	3.43	73	212638	5.108	ug/L 98
18) trans-1,2-Dichloroethene	3.39	96	87866	5.264	ug/L 92
19) 1,1-Dichloroethane	3.92	63	178161	5.902	ug/L 98
21) 2-Butanone	4.79	43	256238	53.578	ug/L 97
22) cis-1,2-Dichloroethene	4.72	96	100847	5.467	ug/L 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.03	128	44730	5.633	ug/L	96
25) Chloroform	5.14	83	183542	5.542	ug/L	98
27) 1,2-Dichloroethane	5.84	62	113667	5.596	ug/L	99
29) 1,1,1-Trichloroethane	5.36	97	146590	5.288	ug/L	99
30) Cyclohexane	5.43	56	140416	4.729	ug/L	98
31) Carbon tetrachloride	5.57	117	130043	5.210	ug/L	99
33) Benzene	5.82	78	383584	5.508	ug/L	100
34) Trichloroethene	6.58	95	94406	5.043	ug/L	99
35) Methylcyclohexane	6.80	83	140463	4.489	ug/L	97
37) 1,2-Dichloropropane	6.83	63	101277	5.729	ug/L	99
38) Bromodichloromethane	7.15	83	128537	5.397	ug/L	97
39) cis-1,3-Dichloropropene	7.65	75	133948	4.527	ug/L	99
40) 4-Methyl-2-pentanone	7.84	43	619094	51.878	ug/L	99
42) Toluene	8.01	91	410081	5.335	ug/L	100
44) trans-1,3-Dichloropropene	8.25	75	111756	4.622	ug/L	96
45) 1,1,2-Trichloroethane	8.44	97	73818	5.625	ug/L	99
47) Tetrachloroethene	8.58	164	79064	5.069	ug/L	97
48) 2-Hexanone	8.73	43	443029	52.936	ug/L	99
49) Dibromochloromethane	8.84	129	85928	5.164	ug/L	100
50) 1,2-Dibromoethane	8.96	107	67936	5.178	ug/L #	98
51) Chlorobenzene	9.48	112	257699	5.192	ug/L	98
52) Ethylbenzene	9.60	91	431045	4.931	ug/L	99
53) m,p-Xylene	9.73	106	163324	4.948	ug/L	99
54) o-Xylene	10.13	106	157140	4.878	ug/L	100
55) Styrene	10.14	104	267958	5.109	ug/L	100
56) Isopropylbenzene	10.51	105	411283	4.746	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.81	83	96368	5.706	ug/L	97
59) 1,2,3-Trichloropropane	10.85	75	68951	5.598	ug/L	98
61) Bromoform	10.32	173	50635	4.722	ug/L	98
62) 1,3-Dichlorobenzene	11.77	146	199348	5.046	ug/L	98
63) 1,4-Dichlorobenzene	11.86	146	192534	4.957	ug/L	99
65) 1,2-Dichlorobenzene	12.24	146	186203	5.017	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	13037	4.973	ug/L #	84
67) 1,3,5-Trichlorobenzene	13.24	180	118778	4.852	ug/L	98
68) 1,2,4-trichlorobenzene	13.87	180	79395	4.872	ug/L	99
69) Naphthalene	14.11	128	104077	4.653	ug/L	99
70) 1,2,3-Trichlorobenzene	14.36	180	81098	5.322	ug/L	99

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

