

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U120319\
 Data File : VU035959.D
 Acq On : 03 Dec 2019 19:57
 Operator : JC/SP
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00519

Quant Time: Dec 04 03:40:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Dec 04 03:35:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	331096	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	344517	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	165926	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	175777	4.66	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.20%
7) Chloroethane-d5	1.93	69	141487	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.60%
11) 1,1-Dichloroethene-d2	2.59	63	253567	4.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.60%
20) 2-Butanone-d5	4.70	46	317011	47.43	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.86%
24) Chloroform-d	5.11	84	249089	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
26) 1,2-Dichloroethane-d4	5.75	65	128626	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
32) Benzene-d6	5.77	84	496159	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
36) 1,2-Dichloropropane-d6	6.73	67	155167	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.00%
41) Toluene-d8	7.93	98	454977	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
43) trans-1,3-Dichloropropene-	8.21	79	63228	4.74	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.80%
46) 2-Hexanone-d5	8.68	63	261841	49.89	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.78%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	130344	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.00%
64) 1,2-Dichlorobenzene-d4	12.22	152	158562	4.63	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	176243	5.140	ug/L 99
3) Chloromethane	1.54	50	194794	4.975	ug/L 100
5) Vinyl chloride	1.62	62	201117	5.085	ug/L 94
6) Bromomethane	1.87	94	112898	4.978	ug/L 97
8) Chloroethane	1.95	64	116616	4.755	ug/L 98
9) Trichlorofluoromethane	2.16	101	242020	5.211	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	132492	5.207	ug/L 97
12) 1,1-Dichloroethene	2.61	96	123558	5.207	ug/L 92
13) Acetone	2.68	43	228110	37.750	ug/L 99
14) Carbon disulfide	2.82	76	418955	5.040	ug/L 99
15) Methyl Acetate	3.00	43	58586	5.410	ug/L 95
16) Methylene chloride	3.08	84	161709	4.400	ug/L 100
17) Methyl tert-butyl Ether	3.42	73	284032	5.109	ug/L 99
18) trans-1,2-Dichloroethene	3.39	96	130258	5.184	ug/L 99
19) 1,1-Dichloroethane	3.92	63	252433	5.139	ug/L 98
21) 2-Butanone	4.77	43	371015	47.830	ug/L 99
22) cis-1,2-Dichloroethene	4.72	96	138470	5.216	ug/L 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	65781	5.414	ug/L	97
25) Chloroform	5.14	83	256275	5.171	ug/L	99
27) 1,2-Dichloroethane	5.84	62	157566	4.974	ug/L	99
29) 1,1,1-Trichloroethane	5.36	97	213321	5.120	ug/L	99
30) Cyclohexane	5.43	56	204683	4.974	ug/L	99
31) Carbon tetrachloride	5.57	117	192702	5.216	ug/L	98
33) Benzene	5.82	78	568336	5.246	ug/L	100
34) Trichloroethene	6.58	95	154631	5.644	ug/L	97
35) Methylcyclohexane	6.80	83	204771	4.985	ug/L	99
37) 1,2-Dichloropropane	6.83	63	149356	5.091	ug/L	99
38) Bromodichloromethane	7.14	83	180648	5.145	ug/L	99
39) cis-1,3-Dichloropropene	7.65	75	194611	5.000	ug/L	98
40) 4-Methyl-2-pentanone	7.84	43	854952	49.586	ug/L	100
42) Toluene	8.00	91	603031	5.329	ug/L	100
44) trans-1,3-Dichloropropene	8.25	75	164249	4.936	ug/L	100
45) 1,1,2-Trichloroethane	8.44	97	102860	5.150	ug/L	98
47) Tetrachloroethene	8.58	164	117533	5.278	ug/L	93
48) 2-Hexanone	8.73	43	642767	50.469	ug/L	99
49) Dibromochloromethane	8.84	129	124696	5.120	ug/L	97
50) 1,2-Dibromoethane	8.96	107	101031	5.213	ug/L	94
51) Chlorobenzene	9.47	112	365923	5.178	ug/L	98
52) Ethylbenzene	9.60	91	590193	5.159	ug/L	100
53) m,p-Xylene	9.72	106	230315	5.333	ug/L	100
54) o-Xylene	10.13	106	219949	5.428	ug/L	98
55) Styrene	10.14	104	374969	5.502	ug/L	95
56) Isopropylbenzene	10.51	105	568411	5.351	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.81	83	132528	4.945	ug/L	95
59) 1,2,3-Trichloropropane	10.85	75	97193	5.097	ug/L	98
61) Bromoform	10.32	173	74181	4.840	ug/L	97
62) 1,3-Dichlorobenzene	11.77	146	276464	5.010	ug/L	99
63) 1,4-Dichlorobenzene	11.86	146	269995	4.929	ug/L	99
65) 1,2-Dichlorobenzene	12.24	146	261136	4.951	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	17803	4.333	ug/L	96
67) 1,3,5-Trichlorobenzene	13.24	180	183352	4.868	ug/L	98
68) 1,2,4-trichlorobenzene	13.86	180	94745	4.694	ug/L	99
69) Naphthalene	14.11	128	85002	3.698	ug/L	98
70) 1,2,3-Trichlorobenzene	14.35	180	92970	4.651	ug/L	98

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

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