

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102319\
 Data File : VU035399.D
 Acq On : 23 Oct 2019 09:49
 Operator : JC/SP
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00512

Quant Time: Oct 23 17:14:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 23 08:45:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	255798	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	255640	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	126421	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	61483	3.94	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.80%
7) Chloroethane-d5	1.93	69	64046	4.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.80%
11) 1,1-Dichloroethene-d2	2.60	63	129397	4.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.80%
20) 2-Butanone-d5	4.71	46	269066	60.03	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.06%
24) Chloroform-d	5.12	84	145427	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
26) 1,2-Dichloroethane-d4	5.75	65	79997	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
32) Benzene-d6	5.77	84	252289	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.40%
36) 1,2-Dichloropropane-d6	6.73	67	90679	4.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.60%
41) Toluene-d8	7.93	98	228437	4.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.60%
43) trans-1,3-Dichloropropene-	8.21	79	35365	3.93	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.60%
46) 2-Hexanone-d5	8.68	63	202996	51.10	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.20%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	91227	5.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.20%
64) 1,2-Dichlorobenzene-d4	12.22	152	94609	4.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.40	85	118614	5.448	ug/L 100
3) Chloromethane	1.53	50	120661	5.587	ug/L 99
5) Vinyl chloride	1.62	62	126556	5.706	ug/L 100
6) Bromomethane	1.88	94	69555	5.312	ug/L 99
8) Chloroethane	1.95	64	78949	5.521	ug/L 98
9) Trichlorofluoromethane	2.16	101	159442	5.385	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	91300	5.352	ug/L 93
12) 1,1-Dichloroethene	2.61	96	85178	5.183	ug/L 88
13) Acetone	2.69	43	190635	61.143	ug/L 97
14) Carbon disulfide	2.82	76	267798	5.154	ug/L 99
15) Methyl Acetate	3.00	43	40743	5.244	ug/L 98
16) Methylene chloride	3.08	84	100897	5.104	ug/L 96
17) Methyl tert-butyl Ether	3.43	73	217684	4.922	ug/L 99
18) trans-1,2-Dichloroethene	3.39	96	91287	5.147	ug/L 97
19) 1,1-Dichloroethane	3.92	63	181365	5.655	ug/L 99
21) 2-Butanone	4.79	43	277332	54.574	ug/L 98
22) cis-1,2-Dichloroethene	4.72	96	102241	5.216	ug/L 94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.03	128	44950	5.327	ug/L	94
25) Chloroform	5.14	83	190734	5.420	ug/L	99
27) 1,2-Dichloroethane	5.84	62	118531	5.492	ug/L	100
29) 1,1,1-Trichloroethane	5.36	97	153167	5.115	ug/L	99
30) Cyclohexane	5.43	56	147721	4.606	ug/L	98
31) Carbon tetrachloride	5.57	117	132106	4.899	ug/L	99
33) Benzene	5.82	78	395200	5.254	ug/L	100
34) Trichloroethene	6.58	95	100598	4.975	ug/L	97
35) Methylcyclohexane	6.80	83	148903	4.406	ug/L	97
37) 1,2-Dichloropropane	6.83	63	104967	5.497	ug/L	99
38) Bromodichloromethane	7.15	83	131782	5.123	ug/L	99
39) cis-1,3-Dichloropropene	7.65	75	148424	4.644	ug/L	99
40) 4-Methyl-2-pentanone	7.84	43	668872	51.890	ug/L	98
42) Toluene	8.00	91	423800	5.104	ug/L	100
44) trans-1,3-Dichloropropene	8.25	75	123143	4.715	ug/L	98
45) 1,1,2-Trichloroethane	8.44	97	75665	5.337	ug/L	99
47) Tetrachloroethene	8.58	164	80495	4.778	ug/L	99
48) 2-Hexanone	8.74	43	468076	51.778	ug/L	99
49) Dibromochloromethane	8.84	129	89998	5.008	ug/L	100
50) 1,2-Dibromoethane	8.96	107	71968	5.079	ug/L	100
51) Chlorobenzene	9.48	112	267444	4.989	ug/L	99
52) Ethylbenzene	9.60	91	455027	4.819	ug/L	100
53) m,p-Xylene	9.72	106	166377	4.667	ug/L	97
54) o-Xylene	10.13	106	163280	4.692	ug/L	98
55) Styrene	10.14	104	279443	4.933	ug/L	98
56) Isopropylbenzene	10.51	105	438353	4.683	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.81	83	97931	5.368	ug/L	99
59) 1,2,3-Trichloropropane	10.85	75	69529	5.226	ug/L	100
61) Bromoform	10.32	173	51328	4.383	ug/L	100
62) 1,3-Dichlorobenzene	11.77	146	209948	4.867	ug/L	99
63) 1,4-Dichlorobenzene	11.86	146	210830	4.971	ug/L	99
65) 1,2-Dichlorobenzene	12.24	146	198230	4.891	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	13925	4.864	ug/L	86
67) 1,3,5-Trichlorobenzene	13.24	180	132742	4.965	ug/L	100
68) 1,2,4-trichlorobenzene	13.86	180	94066	5.286	ug/L	99
69) Naphthalene	14.11	128	126025	5.159	ug/L	99
70) 1,2,3-Trichlorobenzene	14.35	180	93774	5.635	ug/L	99

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

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