

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U111519\
 Data File : VU035733.D
 Acq On : 15 Nov 2019 17:56
 Operator : JC/SP
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00522

Quant Time: Nov 16 01:42:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Nov 16 01:36:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	208968	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	236554	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	140562	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	92918	4.32	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.40%
7) Chloroethane-d5	1.93	69	85756	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.40%
11) 1,1-Dichloroethene-d2	2.60	63	174212	4.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.20%
20) 2-Butanone-d5	4.71	46	242937	51.15	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.30%
24) Chloroform-d	5.12	84	166340	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
26) 1,2-Dichloroethane-d4	5.75	65	88182	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
32) Benzene-d6	5.77	84	338296	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
36) 1,2-Dichloropropane-d6	6.73	67	110628	4.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.00%
41) Toluene-d8	7.93	98	320712	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
43) trans-1,3-Dichloropropene-	8.21	79	43473	4.52	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.40%
46) 2-Hexanone-d5	8.68	63	184888	49.07	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.14%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	101360	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	125800	4.51	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	123434	5.490	ug/L 100
3) Chloromethane	1.53	50	146543	5.651	ug/L 100
5) Vinyl chloride	1.62	62	154256	5.806	ug/L 99
6) Bromomethane	1.87	94	110701	7.308	ug/L 96
8) Chloroethane	1.95	64	92014	6.036	ug/L 99
9) Trichlorofluoromethane	2.16	101	190542	5.878	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	108130	5.647	ug/L 99
12) 1,1-Dichloroethene	2.61	96	108523	5.906	ug/L 84
13) Acetone	2.68	43	185913	54.298	ug/L 99
14) Carbon disulfide	2.82	76	342083	5.741	ug/L 99
15) Methyl Acetate	3.00	43	45040	5.663	ug/L 100
16) Methylene chloride	3.08	84	122699	5.632	ug/L 98
17) Methyl tert-butyl Ether	3.42	73	238792	5.545	ug/L 100
18) trans-1,2-Dichloroethene	3.39	96	110107	5.819	ug/L 99
19) 1,1-Dichloroethane	3.92	63	209287	5.957	ug/L 99
21) 2-Butanone	4.79	43	276516	54.389	ug/L 99
22) cis-1,2-Dichloroethene	4.72	96	116678	5.584	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	57845	5.844	ug/L	97
25) Chloroform	5.14	83	245985	6.439	ug/L	99
27) 1,2-Dichloroethane	5.84	62	121598	5.719	ug/L	99
29) 1,1,1-Trichloroethane	5.36	97	177989	5.716	ug/L	99
30) Cyclohexane	5.43	56	151862	4.878	ug/L	99
31) Carbon tetrachloride	5.57	117	160202	5.708	ug/L	99
33) Benzene	5.82	78	462978	5.562	ug/L	100
34) Trichloroethene	6.58	95	118161	5.546	ug/L	99
35) Methylcyclohexane	6.80	83	153549	4.731	ug/L	99
37) 1,2-Dichloropropane	6.84	63	118847	5.418	ug/L	100
38) Bromodichloromethane	7.14	83	151900	5.724	ug/L	99
39) cis-1,3-Dichloropropene	7.65	75	159534	5.096	ug/L	98
40) 4-Methyl-2-pentanone	7.84	43	660571	52.372	ug/L	99
42) Toluene	8.00	91	501486	5.725	ug/L	100
44) trans-1,3-Dichloropropene	8.25	75	134756	5.384	ug/L	99
45) 1,1,2-Trichloroethane	8.44	97	88595	5.640	ug/L	97
47) Tetrachloroethene	8.58	164	105402	5.677	ug/L	97
48) 2-Hexanone	8.73	43	465608	51.942	ug/L	94
49) Dibromochloromethane	8.84	129	109696	5.661	ug/L	98
50) 1,2-Dibromoethane	8.96	107	84466	5.667	ug/L	97
51) Chlorobenzene	9.48	112	320191	5.567	ug/L	100
52) Ethylbenzene	9.60	91	492910	5.347	ug/L	100
53) m,p-Xylene	9.72	106	196971	5.643	ug/L	97
54) o-Xylene	10.13	106	187052	5.545	ug/L	99
55) Styrene	10.14	104	324290	5.815	ug/L	100
56) Isopropylbenzene	10.51	105	485962	5.459	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.81	83	112567	5.485	ug/L	99
59) 1,2,3-Trichloropropane	10.85	75	79326	5.468	ug/L	96
61) Bromoform	10.32	173	65270	5.109	ug/L	99
62) 1,3-Dichlorobenzene	11.77	146	246486	5.215	ug/L	99
63) 1,4-Dichlorobenzene	11.86	146	241712	5.311	ug/L	98
65) 1,2-Dichlorobenzene	12.24	146	233238	5.259	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	13841	4.904	ug/L	90
67) 1,3,5-Trichlorobenzene	13.24	180	158420	5.200	ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	81534	4.442	ug/L	99
69) Naphthalene	14.11	128	78964	3.494	ug/L	98
70) 1,2,3-Trichlorobenzene	14.35	180	79258	4.466	ug/L	97

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

