

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U112719\
 Data File : VU035907.D
 Acq On : 27 Nov 2019 20:13
 Operator : JC/SP
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00514

Quant Time: Nov 28 05:02:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Nov 28 04:57:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	219687	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	249081	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	138261	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	133509	4.65	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.00%
7) Chloroethane-d5	1.93	69	121181	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.60%
11) 1,1-Dichloroethene-d2	2.59	63	215749	4.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.80%
20) 2-Butanone-d5	4.69	46	342540	51.58	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.16%
24) Chloroform-d	5.11	84	238533	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.75	65	127318	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
32) Benzene-d6	5.77	84	445715	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
36) 1,2-Dichloropropane-d6	6.73	67	150438	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.00%
41) Toluene-d8	7.93	98	411466	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
43) trans-1,3-Dichloropropene-	8.21	79	56955	4.57	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.40%
46) 2-Hexanone-d5	8.68	63	287623	57.43	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.86%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	128092	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.00%
64) 1,2-Dichlorobenzene-d4	12.22	152	140125	4.67	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	139903	4.700	ug/L 99
3) Chloromethane	1.54	50	174111	4.751	ug/L 100
5) Vinyl chloride	1.62	62	183033	4.989	ug/L 97
6) Bromomethane	1.87	94	104670	5.551	ug/L 94
8) Chloroethane	1.95	64	115779	5.455	ug/L 97
9) Trichlorofluoromethane	2.16	101	221181	5.192	ug/L 97
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	121397	5.017	ug/L 93
12) 1,1-Dichloroethene	2.61	96	107571	4.706	ug/L 89
13) Acetone	2.67	43	242581	41.588	ug/L 96
14) Carbon disulfide	2.82	76	335880	4.424	ug/L 100
15) Methyl Acetate	3.00	43	57835	4.946	ug/L 100
16) Methylene chloride	3.08	84	145362	5.264	ug/L 96
17) Methyl tert-butyl Ether	3.42	73	273394	4.943	ug/L 99
18) trans-1,2-Dichloroethene	3.39	96	118215	5.252	ug/L 94
19) 1,1-Dichloroethane	3.92	63	254646	5.036	ug/L 97
21) 2-Butanone	4.77	43	390172	52.861	ug/L 100
22) cis-1,2-Dichloroethene	4.72	96	125873	5.018	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	59317	5.428	ug/L	96
25) Chloroform	5.14	83	257503	5.233	ug/L	98
27) 1,2-Dichloroethane	5.84	62	164218	5.074	ug/L	98
29) 1,1,1-Trichloroethane	5.36	97	206303	5.129	ug/L	98
30) Cyclohexane	5.43	56	185312	4.715	ug/L	97
31) Carbon tetrachloride	5.57	117	180218	5.174	ug/L	99
33) Benzene	5.82	78	542532	5.218	ug/L	100
34) Trichloroethene	6.58	95	132280	5.189	ug/L	96
35) Methylcyclohexane	6.80	83	172030	4.598	ug/L	97
37) 1,2-Dichloropropane	6.83	63	150750	5.112	ug/L	99
38) Bromodichloromethane	7.14	83	180876	5.118	ug/L	99
39) cis-1,3-Dichloropropene	7.65	75	185879	4.869	ug/L	99
40) 4-Methyl-2-pentanone	7.84	43	935910	51.696	ug/L	99
42) Toluene	8.00	91	563690	5.212	ug/L	97
44) trans-1,3-Dichloropropene	8.25	75	164598	5.200	ug/L	99
45) 1,1,2-Trichloroethane	8.44	97	100550	5.233	ug/L	97
47) Tetrachloroethene	8.58	164	100846	5.199	ug/L	94
48) 2-Hexanone	8.73	43	704275	52.839	ug/L	97
49) Dibromochloromethane	8.84	129	120215	5.303	ug/L	98
50) 1,2-Dibromoethane	8.96	107	93047	5.292	ug/L	94
51) Chlorobenzene	9.48	112	334418	4.992	ug/L	99
52) Ethylbenzene	9.60	91	548915	4.908	ug/L	99
53) m,p-Xylene	9.72	106	207958	5.274	ug/L	97
54) o-Xylene	10.13	106	198044	5.172	ug/L	99
55) Styrene	10.14	104	345322	5.437	ug/L	100
56) Isopropylbenzene	10.51	105	521691	5.157	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.81	83	133924	5.037	ug/L	96
59) 1,2,3-Trichloropropane	10.85	75	96685	5.043	ug/L	99
61) Bromoform	10.32	173	67010	4.824	ug/L	99
62) 1,3-Dichlorobenzene	11.77	146	252980	5.098	ug/L	99
63) 1,4-Dichlorobenzene	11.86	146	242726	4.968	ug/L	99
65) 1,2-Dichlorobenzene	12.24	146	239853	5.066	ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.02	75	18978	4.844	ug/L	96
67) 1,3,5-Trichlorobenzene	13.24	180	166164	5.572	ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	87836	5.125	ug/L	98
69) Naphthalene	14.11	128	81792	3.389	ug/L	99
70) 1,2,3-Trichlorobenzene	14.35	180	88813	5.329	ug/L	99

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

