

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121319\
 Data File : VU036222.D
 Acq On : 14 Dec 2019 01:44
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00514

Quant Time: Dec 14 04:25:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Dec 14 01:19:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	241486	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	257851	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	129016	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	103001	4.84	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.80%
7) Chloroethane-d5	1.93	69	97798	5.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.60%
11) 1,1-Dichloroethene-d2	2.60	63	156718	5.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.20%
20) 2-Butanone-d5	4.68	46	188823	47.40	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.80%
24) Chloroform-d	5.11	84	169251	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
26) 1,2-Dichloroethane-d4	5.75	65	93887	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.60%
32) Benzene-d6	5.77	84	346496	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.00%
36) 1,2-Dichloropropane-d6	6.73	67	105492	5.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.40%
41) Toluene-d8	7.93	98	333295	5.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.40%
43) trans-1,3-Dichloropropene-	8.21	79	43580	5.19	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.80%
46) 2-Hexanone-d5	8.67	63	176345	54.88	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.76%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	102106	5.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	125379	5.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	144637	5.366	ug/L 98
3) Chloromethane	1.54	50	157467	4.656	ug/L 99
5) Vinyl chloride	1.62	62	165916	5.171	ug/L 99
6) Bromomethane	1.87	94	87378	5.450	ug/L 98
8) Chloroethane	1.95	64	102910	5.371	ug/L 95
9) Trichlorofluoromethane	2.16	101	222467	5.501	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	103971	5.366	ug/L 100
12) 1,1-Dichloroethene	2.61	96	93434	5.216	ug/L 93
13) Acetone	2.66	43	151561	43.652	ug/L 95
14) Carbon disulfide	2.82	76	320131	5.326	ug/L 100
15) Methyl Acetate	2.99	43	38367	5.469	ug/L 100
16) Methylene chloride	3.08	84	125609	4.769	ug/L 98
17) Methyl tert-butyl Ether	3.41	73	200497	5.222	ug/L 99
18) trans-1,2-Dichloroethene	3.39	96	99265	5.290	ug/L 97
19) 1,1-Dichloroethane	3.92	63	188205	5.433	ug/L 100
21) 2-Butanone	4.76	43	231588	49.915	ug/L 96
22) cis-1,2-Dichloroethene	4.72	96	106442	5.289	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	53729	5.517	ug/L	97
25) Chloroform	5.14	83	216180	5.769	ug/L	97
27) 1,2-Dichloroethane	5.84	62	122404	5.508	ug/L	97
29) 1,1,1-Trichloroethane	5.36	97	172381	5.430	ug/L	100
30) Cyclohexane	5.43	56	138256	5.119	ug/L	98
31) Carbon tetrachloride	5.57	117	156876	5.420	ug/L	99
33) Benzene	5.82	78	433958	5.476	ug/L	100
34) Trichloroethene	6.58	95	105951	5.186	ug/L	93
35) Methylcyclohexane	6.80	83	141865	4.884	ug/L	97
37) 1,2-Dichloropropane	6.83	63	110413	5.461	ug/L	98
38) Bromodichloromethane	7.14	83	141440	5.375	ug/L	100
39) cis-1,3-Dichloropropene	7.64	75	142862	5.187	ug/L	98
40) 4-Methyl-2-pentanone	7.84	43	578037	54.661	ug/L	98
42) Toluene	8.00	91	480740	5.660	ug/L	98
44) trans-1,3-Dichloropropene	8.24	75	120272	5.198	ug/L	98
45) 1,1,2-Trichloroethane	8.43	97	84549	5.581	ug/L	94
47) Tetrachloroethene	8.58	164	98361	5.331	ug/L	96
48) 2-Hexanone	8.72	43	438640	55.581	ug/L	99
49) Dibromochloromethane	8.84	129	104329	5.572	ug/L	98
50) 1,2-Dibromoethane	8.96	107	79967	5.535	ug/L	94
51) Chlorobenzene	9.48	112	296749	5.290	ug/L	96
52) Ethylbenzene	9.60	91	458790	5.378	ug/L	99
53) m,p-Xylene	9.72	106	182307	5.546	ug/L	97
54) o-Xylene	10.13	106	169346	5.342	ug/L	98
55) Styrene	10.14	104	305510	5.445	ug/L	98
56) Isopropylbenzene	10.51	105	435582	5.350	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.81	83	107086	5.552	ug/L	97
59) 1,2,3-Trichloropropane	10.85	75	74360	5.534	ug/L	98
61) Bromoform	10.32	173	63203	5.643	ug/L	99
62) 1,3-Dichlorobenzene	11.77	146	228465	5.249	ug/L	98
63) 1,4-Dichlorobenzene	11.86	146	226423	5.245	ug/L	99
65) 1,2-Dichlorobenzene	12.24	146	219017	5.281	ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.02	75	15634	5.676	ug/L	95
67) 1,3,5-Trichlorobenzene	13.24	180	139448	4.275	ug/L	97
68) 1,2,4-trichlorobenzene	13.86	180	86976	4.059	ug/L	97
69) Naphthalene	14.11	128	110499	4.054	ug/L	97
70) 1,2,3-Trichlorobenzene	14.35	180	89062	4.298	ug/L	98

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

