

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122319\
 Data File : VU036323.D
 Acq On : 23 Dec 2019 12:15
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00526

Quant Time: Dec 24 00:17:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Dec 23 15:22:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	301689	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	304833	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	169168	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	119464	4.50	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.00%
7) Chloroethane-d5	1.93	69	106500	4.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.40%
11) 1,1-Dichloroethene-d2	2.59	63	171308	4.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.40%
20) 2-Butanone-d5	4.69	46	248258	49.88	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.76%
24) Chloroform-d	5.11	84	196702	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	5.75	65	99697	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.80%
32) Benzene-d6	5.77	84	363823	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
36) 1,2-Dichloropropane-d6	6.73	67	113906	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.40%
41) Toluene-d8	7.93	98	341912	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
43) trans-1,3-Dichloropropene-	8.21	79	49031	4.94	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.80%
46) 2-Hexanone-d5	8.67	63	212134	55.85	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.70%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	104533	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.80%
64) 1,2-Dichlorobenzene-d4	12.21	152	142533	4.40	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	145437	4.319	ug/L 99
3) Chloromethane	1.54	50	161070	3.812	ug/L 99
5) Vinyl chloride	1.62	62	166455	4.152	ug/L 99
6) Bromomethane	1.87	94	98408	4.913	ug/L 98
8) Chloroethane	1.95	64	93866	3.921	ug/L 100
9) Trichlorofluoromethane	2.16	101	214390	4.244	ug/L 97
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	108020	4.463	ug/L 97
12) 1,1-Dichloroethene	2.61	96	97881	4.373	ug/L 95
13) Acetone	2.67	43	196370	45.271	ug/L 100
14) Carbon disulfide	2.82	76	303516	4.042	ug/L 99
15) Methyl Acetate	2.99	43	40213	4.589	ug/L 98
16) Methylene chloride	3.08	84	117070	3.558	ug/L 99
17) Methyl tert-butyl Ether	3.41	73	228159	4.757	ug/L 99
18) trans-1,2-Dichloroethene	3.39	96	103675	4.423	ug/L 97
19) 1,1-Dichloroethane	3.92	63	193594	4.473	ug/L 96
21) 2-Butanone	4.77	43	276489	47.701	ug/L 99
22) cis-1,2-Dichloroethene	4.71	96	112340	4.468	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	56023	4.605	ug/L	98
25) Chloroform	5.13	83	209125	4.467	ug/L	97
27) 1,2-Dichloroethane	5.84	62	131515	4.737	ug/L	97
29) 1,1,1-Trichloroethane	5.36	97	178521	4.757	ug/L	100
30) Cyclohexane	5.43	56	151625	4.749	ug/L	97
31) Carbon tetrachloride	5.57	117	160148	4.680	ug/L	99
33) Benzene	5.82	78	441866	4.716	ug/L	100
34) Trichloroethene	6.58	95	114687	4.748	ug/L	97
35) Methylcyclohexane	6.80	83	165995	4.834	ug/L	99
37) 1,2-Dichloropropane	6.83	63	112414	4.703	ug/L	99
38) Bromodichloromethane	7.14	83	151721	4.877	ug/L	98
39) cis-1,3-Dichloropropene	7.64	75	160922	4.942	ug/L	97
40) 4-Methyl-2-pentanone	7.84	43	668776	53.495	ug/L	100
42) Toluene	8.00	91	489004	4.870	ug/L	98
44) trans-1,3-Dichloropropene	8.24	75	138871	5.077	ug/L	98
45) 1,1,2-Trichloroethane	8.43	97	86320	4.820	ug/L	91
47) Tetrachloroethene	8.58	164	102448	4.697	ug/L	93
48) 2-Hexanone	8.72	43	508752	54.529	ug/L	100
49) Dibromochloromethane	8.84	129	109368	4.941	ug/L	99
50) 1,2-Dibromoethane	8.95	107	81412	4.766	ug/L	97
51) Chlorobenzene	9.47	112	309126	4.662	ug/L	99
52) Ethylbenzene	9.60	91	486870	4.827	ug/L	99
53) m,p-Xylene	9.72	106	193538	4.980	ug/L	99
54) o-Xylene	10.13	106	186015	4.963	ug/L	96
55) Styrene	10.14	104	326130	4.917	ug/L	98
56) Isopropylbenzene	10.51	105	487221	5.062	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.81	83	110438	4.844	ug/L	98
59) 1,2,3-Trichloropropane	10.85	75	80164	5.046	ug/L	94
61) Bromoform	10.32	173	68158	4.641	ug/L	99
62) 1,3-Dichlorobenzene	11.77	146	267778	4.692	ug/L	100
63) 1,4-Dichlorobenzene	11.86	146	269617	4.763	ug/L	98
65) 1,2-Dichlorobenzene	12.23	146	255977	4.708	ug/L	97
66) 1,2-Dibromo-3-chloropropan	13.02	75	18380	5.089	ug/L	93
67) 1,3,5-Trichlorobenzene	13.24	180	204277	4.777	ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	149855	5.334	ug/L	97
69) Naphthalene	14.10	128	208502	5.834	ug/L	99
70) 1,2,3-Trichlorobenzene	14.35	180	147940	5.445	ug/L	99

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

