

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121719\
 Data File : VU036262.D
 Acq On : 17 Dec 2019 16:56
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00518

Quant Time: Dec 18 01:27:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Dec 18 01:23:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	244084	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	257624	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	124030	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	89610	4.17	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.40%
7) Chloroethane-d5	1.93	69	87239	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.60%
11) 1,1-Dichloroethene-d2	2.60	63	141396	4.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.20%
20) 2-Butanone-d5	4.68	46	183253	45.51	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.02%
24) Chloroform-d	5.11	84	152719	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.40%
26) 1,2-Dichloroethane-d4	5.75	65	89421	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
32) Benzene-d6	5.77	84	317186	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
36) 1,2-Dichloropropane-d6	6.73	67	97734	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	7.93	98	309224	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
43) trans-1,3-Dichloropropene-	8.21	79	42085	5.01	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.20%
46) 2-Hexanone-d5	8.67	63	162885	50.74	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.48%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	93568	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	114011	4.80	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	141905	5.209	ug/L 99
3) Chloromethane	1.54	50	150274	4.396	ug/L 99
5) Vinyl chloride	1.62	62	157180	4.846	ug/L 98
6) Bromomethane	1.87	94	77489	4.781	ug/L 97
8) Chloroethane	1.95	64	96878	5.002	ug/L 100
9) Trichlorofluoromethane	2.16	101	215946	5.283	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	101695	5.193	ug/L 99
12) 1,1-Dichloroethene	2.61	96	91606	5.059	ug/L 98
13) Acetone	2.66	43	149288	42.539	ug/L 98
14) Carbon disulfide	2.83	76	304640	5.014	ug/L 100
15) Methyl Acetate	2.99	43	35247	4.971	ug/L 100
16) Methylene chloride	3.08	84	121317	4.557	ug/L 97
17) Methyl tert-butyl Ether	3.41	73	190866	4.918	ug/L 99
18) trans-1,2-Dichloroethene	3.39	96	95783	5.051	ug/L 98
19) 1,1-Dichloroethane	3.92	63	184059	5.257	ug/L 100
21) 2-Butanone	4.76	43	224217	47.812	ug/L 96
22) cis-1,2-Dichloroethene	4.72	96	104552	5.139	ug/L 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	51976	5.281	ug/L	96
25) Chloroform	5.13	83	215771	5.697	ug/L	96
27) 1,2-Dichloroethane	5.84	62	117646	5.237	ug/L	96
29) 1,1,1-Trichloroethane	5.36	97	168567	5.315	ug/L	98
30) Cyclohexane	5.43	56	133168	4.935	ug/L	98
31) Carbon tetrachloride	5.57	117	152130	5.261	ug/L	100
33) Benzene	5.82	78	425230	5.371	ug/L	100
34) Trichloroethene	6.58	95	110377	5.407	ug/L	98
35) Methylcyclohexane	6.80	83	140258	4.833	ug/L	98
37) 1,2-Dichloropropane	6.83	63	104759	5.186	ug/L	99
38) Bromodichloromethane	7.14	83	136896	5.207	ug/L	99
39) cis-1,3-Dichloropropene	7.64	75	138887	5.047	ug/L	99
40) 4-Methyl-2-pentanone	7.83	43	541760	51.276	ug/L	99
42) Toluene	8.00	91	471782	5.559	ug/L	99
44) trans-1,3-Dichloropropene	8.24	75	119776	5.181	ug/L	100
45) 1,1,2-Trichloroethane	8.43	97	78486	5.186	ug/L	95
47) Tetrachloroethene	8.58	164	98807	5.360	ug/L	94
48) 2-Hexanone	8.73	43	418194	53.037	ug/L	99
49) Dibromochloromethane	8.84	129	100911	5.394	ug/L	94
50) 1,2-Dibromoethane	8.96	107	76660	5.310	ug/L	94
51) Chlorobenzene	9.47	112	293586	5.239	ug/L	97
52) Ethylbenzene	9.60	91	448633	5.263	ug/L	99
53) m,p-Xylene	9.72	106	179397	5.462	ug/L	95
54) o-Xylene	10.13	106	170029	5.368	ug/L	90
55) Styrene	10.14	104	291303	5.197	ug/L	99
56) Isopropylbenzene	10.51	105	426087	5.238	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.81	83	94398	4.899	ug/L	98
59) 1,2,3-Trichloropropane	10.85	75	69720	5.193	ug/L	100
61) Bromoform	10.32	173	59737	5.548	ug/L	99
62) 1,3-Dichlorobenzene	11.77	146	217522	5.198	ug/L	100
63) 1,4-Dichlorobenzene	11.86	146	208179	5.016	ug/L	99
65) 1,2-Dichlorobenzene	12.24	146	201489	5.054	ug/L	97
66) 1,2-Dibromo-3-chloropropan	13.02	75	12415	4.688	ug/L	94
67) 1,3,5-Trichlorobenzene	13.24	180	116456	3.714	ug/L	97
68) 1,2,4-trichlorobenzene	13.86	180	65635	3.186	ug/L	99
69) Naphthalene	14.11	128	71052	2.711	ug/L	99
70) 1,2,3-Trichlorobenzene	14.35	180	66227	3.324	ug/L	98

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

