

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112619\
 Data File : VU035846.D
 Acq On : 26 Nov 2019 09:17
 Operator : JC/SP
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00510

Quant Time: Nov 27 01:16:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 26 01:03:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	238016	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	272459	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	146164	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	187786	6.04	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	120.80%
7) Chloroethane-d5	1.93	69	162040	6.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	120.40%
11) 1,1-Dichloroethene-d2	2.59	63	280251	4.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.00%
20) 2-Butanone-d5	4.69	46	398208	55.34	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.68%
24) Chloroform-d	5.11	84	301086	5.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.40%
26) 1,2-Dichloroethane-d4	5.75	65	160439	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.60%
32) Benzene-d6	5.77	84	569398	5.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.60%
36) 1,2-Dichloropropane-d6	6.73	67	189059	5.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.00%
41) Toluene-d8	7.93	98	526492	5.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.80%
43) trans-1,3-Dichloropropene-	8.21	79	71314	5.23	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.60%
46) 2-Hexanone-d5	8.67	63	329389	60.13	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.26%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	152894	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	170107	5.36	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.20%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	143080	4.437 ug/L	97
3) Chloromethane	1.54	50	175161	4.411 ug/L	100
5) Vinyl chloride	1.62	62	183425	4.615 ug/L	98
6) Bromomethane	1.87	94	101342	4.961 ug/L	96
8) Chloroethane	1.95	64	109984	4.783 ug/L	95
9) Trichlorofluoromethane	2.16	101	217504	4.713 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	122633	4.678 ug/L	95
12) 1,1-Dichloroethene	2.61	96	106948	4.318 ug/L	95
13) Acetone	2.67	43	234543	37.113 ug/L	96
14) Carbon disulfide	2.82	76	344079	4.183 ug/L	99
15) Methyl Acetate	2.99	43	57261	4.520 ug/L	99
16) Methylene chloride	3.08	84	134719	4.503 ug/L	99
17) Methyl tert-butyl Ether	3.42	73	256080	4.273 ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	112050	4.595 ug/L	97
19) 1,1-Dichloroethane	3.92	63	253997	4.636 ug/L	99
21) 2-Butanone	4.77	43	368167	46.038 ug/L	99
22) cis-1,2-Dichloroethene	4.72	96	126935	4.671 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	56750	4.794	ug/L	96
25) Chloroform	5.13	83	260348	4.883	ug/L	98
27) 1,2-Dichloroethane	5.84	62	162956	4.647	ug/L	98
29) 1,1,1-Trichloroethane	5.36	97	199173	4.527	ug/L	99
30) Cyclohexane	5.43	56	182939	4.255	ug/L	99
31) Carbon tetrachloride	5.57	117	172821	4.536	ug/L	99
33) Benzene	5.82	78	530304	4.663	ug/L	100
34) Trichloroethene	6.58	95	142570	5.113	ug/L	97
35) Methylcyclohexane	6.80	83	173856	4.248	ug/L	97
37) 1,2-Dichloropropane	6.83	63	148001	4.588	ug/L	99
38) Bromodichloromethane	7.14	83	176012	4.553	ug/L	98
39) cis-1,3-Dichloropropene	7.64	75	182969	4.382	ug/L	96
40) 4-Methyl-2-pentanone	7.84	43	870401	43.953	ug/L	100
42) Toluene	8.00	91	545485	4.611	ug/L	98
44) trans-1,3-Dichloropropene	8.25	75	163386	4.719	ug/L	98
45) 1,1,2-Trichloroethane	8.43	97	97309	4.630	ug/L	98
47) Tetrachloroethene	8.58	164	93083	4.387	ug/L	98
48) 2-Hexanone	8.73	43	671427	46.052	ug/L	95
49) Dibromochloromethane	8.84	129	113210	4.566	ug/L	96
50) 1,2-Dibromoethane	8.96	107	90569	4.709	ug/L	95
51) Chlorobenzene	9.48	112	318397	4.345	ug/L	98
52) Ethylbenzene	9.60	91	522817	4.274	ug/L	99
53) m,p-Xylene	9.72	106	196020	4.545	ug/L	99
54) o-Xylene	10.13	106	187644	4.480	ug/L	97
55) Styrene	10.14	104	322836	4.647	ug/L	98
56) Isopropylbenzene	10.51	105	491352	4.440	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.81	83	129897	4.466	ug/L	96
59) 1,2,3-Trichloropropane	10.85	75	94586	4.510	ug/L	99
61) Bromoform	10.32	173	63735	4.340	ug/L	97
62) 1,3-Dichlorobenzene	11.77	146	239041	4.557	ug/L	98
63) 1,4-Dichlorobenzene	11.86	146	236809	4.585	ug/L	100
65) 1,2-Dichlorobenzene	12.24	146	230889	4.613	ug/L	100
66) 1,2-Dibromo-3-chloropropan	13.02	75	17945	4.333	ug/L	95
67) 1,3,5-Trichlorobenzene	13.24	180	161248	5.115	ug/L	100
68) 1,2,4-trichlorobenzene	13.86	180	82412	4.549	ug/L	97
69) Naphthalene	14.11	128	75850	2.973	ug/L	98
70) 1,2,3-Trichlorobenzene	14.35	180	77587	4.403	ug/L	99

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

