

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021320\
 Data File : VU036765.D
 Acq On : 13 Feb 2020 11:41
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00516

Quant Time: Feb 14 00:10:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Feb 13 15:05:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	127545	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	116961	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	53792	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	48738	4.44	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.80%
7) Chloroethane-d5	1.93	69	44391	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.20%
11) 1,1-Dichloroethene-d2	2.59	63	87303	4.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.20%
20) 2-Butanone-d5	4.68	46	129052	56.10	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.20%
24) Chloroform-d	5.11	84	86676	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.40%
26) 1,2-Dichloroethane-d4	5.74	65	48822	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
32) Benzene-d6	5.76	84	181324	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
36) 1,2-Dichloropropane-d6	6.73	67	58362	5.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.60%
41) Toluene-d8	7.93	98	167453	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
43) trans-1,3-Dichloropropene-	8.21	79	22022	5.02	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.40%
46) 2-Hexanone-d5	8.66	63	110275	55.05	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.10%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	45600	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.40%
64) 1,2-Dichlorobenzene-d4	12.21	152	53960	5.02	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	42936	5.097 ug/L	99
3) Chloromethane	1.54	50	43594	4.972 ug/L	99
5) Vinyl chloride	1.62	62	51460	5.025 ug/L	97
6) Bromomethane	1.87	94	27624	4.489 ug/L	94
8) Chloroethane	1.95	64	33756	4.719 ug/L	100
9) Trichlorofluoromethane	2.16	101	67570	5.015 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	42749	4.969 ug/L	99
12) 1,1-Dichloroethene	2.60	96	38688	4.987 ug/L	97
13) Acetone	2.67	43	161711	54.979 ug/L	99
14) Carbon disulfide	2.82	76	89400	4.775 ug/L	99
15) Methyl Acetate	2.99	43	20442	5.238 ug/L	100
16) Methylene chloride	3.08	84	47944	3.666 ug/L	98
17) Methyl tert-butyl Ether	3.41	73	120001	5.222 ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	41159	5.141 ug/L	98
19) 1,1-Dichloroethane	3.91	63	87219	5.195 ug/L	98
21) 2-Butanone	4.76	43	187849	54.902 ug/L	97
22) cis-1,2-Dichloroethene	4.71	96	50323	5.194 ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	20530	5.330	ug/L	96
25) Chloroform	5.13	83	87888	4.902	ug/L	99
27) 1,2-Dichloroethane	5.84	62	58069	5.081	ug/L	97
29) 1,1,1-Trichloroethane	5.36	97	66785	5.199	ug/L	99
30) Cyclohexane	5.43	56	72305	5.299	ug/L	97
31) Carbon tetrachloride	5.56	117	53288	5.142	ug/L	99
33) Benzene	5.81	78	188716	5.231	ug/L	100
34) Trichloroethene	6.57	95	47358	5.154	ug/L	98
35) Methylcyclohexane	6.80	83	76173	5.224	ug/L	99
37) 1,2-Dichloropropane	6.83	63	52085	5.288	ug/L	99
38) Bromodichloromethane	7.14	83	60965	5.186	ug/L	95
39) cis-1,3-Dichloropropene	7.64	75	75689	5.310	ug/L	99
40) 4-Methyl-2-pentanone	7.83	43	350888	55.201	ug/L	100
42) Toluene	8.00	91	203499	5.252	ug/L	97
44) trans-1,3-Dichloropropene	8.24	75	59570	5.348	ug/L	100
45) 1,1,2-Trichloroethane	8.43	97	36431	5.316	ug/L	95
47) Tetrachloroethene	8.58	164	31853	5.096	ug/L	95
48) 2-Hexanone	8.72	43	305206	56.107	ug/L	100
49) Dibromochloromethane	8.83	129	37736	5.325	ug/L	98
50) 1,2-Dibromoethane	8.95	107	32282	5.216	ug/L	98
51) Chlorobenzene	9.47	112	125897	5.252	ug/L	98
52) Ethylbenzene	9.59	91	225715	5.216	ug/L	100
53) m,p-Xylene	9.72	106	82635	5.189	ug/L	92
54) o-Xylene	10.12	106	82906	5.301	ug/L	96
55) Styrene	10.14	104	136863	5.191	ug/L	97
56) Isopropylbenzene	10.50	105	219952	5.255	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.80	83	47012	5.241	ug/L	96
59) 1,2,3-Trichloropropane	10.84	75	33757	5.190	ug/L	99
61) Bromoform	10.31	173	19366	5.225	ug/L	96
62) 1,3-Dichlorobenzene	11.76	146	93651	5.053	ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	93832	5.107	ug/L	99
65) 1,2-Dichlorobenzene	12.23	146	91231	5.106	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	7013	5.260	ug/L	94
67) 1,3,5-Trichlorobenzene	13.25	180	69182	5.302	ug/L	99
68) 1,2,4-trichlorobenzene	13.88	180	55491	5.640	ug/L	99
69) Naphthalene	14.12	128	117198	6.575	ug/L	99
70) 1,2,3-Trichlorobenzene	14.37	180	51150	5.793	ug/L	96

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

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