

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052120\
 Data File : VU038259.D
 Acq On : 21 May 2020 12:36
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00514

Quant Time: May 21 16:03:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 21 01:14:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	365497	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	359118	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	176495	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	141390	4.23	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.60%
7) Chloroethane-d5	1.93	69	125491	4.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.80%
11) 1,1-Dichloroethene-d2	2.59	63	243771	4.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.20%
20) 2-Butanone-d5	4.68	46	456777	55.38	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.76%
24) Chloroform-d	5.10	84	246116	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
26) 1,2-Dichloroethane-d4	5.74	65	141473	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
32) Benzene-d6	5.76	84	500505	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
36) 1,2-Dichloropropane-d6	6.72	67	164065	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.40%
41) Toluene-d8	7.92	98	453161	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
43) trans-1,3-Dichloropropene-	8.20	79	66800	4.80	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.00%
46) 2-Hexanone-d5	8.66	63	335066	51.00	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.00%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	138971	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.40%
64) 1,2-Dichlorobenzene-d4	12.21	152	163712	4.77	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	151197	4.523	ug/L 97
3) Chloromethane	1.53	50	163571	4.060	ug/L 99
5) Vinyl chloride	1.62	62	180570	4.574	ug/L 99
6) Bromomethane	1.88	94	82897	3.689	ug/L 99
8) Chloroethane	1.95	64	108037	4.450	ug/L 99
9) Trichlorofluoromethane	2.16	101	206479	5.116	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	129750	5.186	ug/L 99
12) 1,1-Dichloroethene	2.61	96	121133	4.776	ug/L 88
13) Acetone	2.68	43	292371	56.496	ug/L 98
14) Carbon disulfide	2.82	76	380315	4.203	ug/L 99
15) Methyl Acetate	2.99	43	67028	4.630	ug/L 92
16) Methylene chloride	3.08	84	140829	4.763	ug/L 96
17) Methyl tert-butyl Ether	3.40	73	327482	4.647	ug/L 99
18) trans-1,2-Dichloroethene	3.39	96	130937	4.728	ug/L 98
19) 1,1-Dichloroethane	3.91	63	259058	4.790	ug/L 99
21) 2-Butanone	4.76	43	490862	53.738	ug/L 99
22) cis-1,2-Dichloroethene	4.71	96	146751	4.918	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	63152	4.918	ug/L	95
25) Chloroform	5.13	83	251179	4.979	ug/L	98
27) 1,2-Dichloroethane	5.83	62	179466	5.040	ug/L	99
29) 1,1,1-Trichloroethane	5.35	97	204932	4.981	ug/L	98
30) Cyclohexane	5.42	56	230378	4.742	ug/L	100
31) Carbon tetrachloride	5.56	117	167184	5.056	ug/L	98
33) Benzene	5.81	78	569072	4.948	ug/L	100
34) Trichloroethene	6.57	95	141640	4.924	ug/L	99
35) Methylcyclohexane	6.79	83	229107	4.917	ug/L	95
37) 1,2-Dichloropropane	6.82	63	146997	4.706	ug/L	99
38) Bromodichloromethane	7.13	83	181013	5.013	ug/L	100
39) cis-1,3-Dichloropropene	7.64	75	213617	4.778	ug/L	99
40) 4-Methyl-2-pentanone	7.82	43	1090223	50.358	ug/L	99
42) Toluene	8.00	91	592486	4.881	ug/L	99
44) trans-1,3-Dichloropropene	8.23	75	188092	4.948	ug/L	100
45) 1,1,2-Trichloroethane	8.42	97	108866	5.019	ug/L	97
47) Tetrachloroethene	8.58	164	97721	4.857	ug/L	97
48) 2-Hexanone	8.71	43	825857	52.089	ug/L	99
49) Dibromochloromethane	8.83	129	113446	5.039	ug/L	97
50) 1,2-Dibromoethane	8.95	107	101806	5.057	ug/L	98
51) Chlorobenzene	9.47	112	380459	5.050	ug/L	99
52) Ethylbenzene	9.59	91	661799	5.033	ug/L	98
53) m,p-Xylene	9.71	106	252466	5.007	ug/L	100
54) o-Xylene	10.12	106	244731	5.020	ug/L	99
55) Styrene	10.13	104	416661	5.091	ug/L	98
56) Isopropylbenzene	10.50	105	644341	5.145	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.80	83	139695	5.072	ug/L	95
59) 1,2,3-Trichloropropane	10.84	75	108309	5.166	ug/L	100
61) Bromoform	10.31	173	60268	5.052	ug/L	99
62) 1,3-Dichlorobenzene	11.76	146	296798	5.168	ug/L	98
63) 1,4-Dichlorobenzene	11.85	146	298714	5.133	ug/L	99
65) 1,2-Dichlorobenzene	12.23	146	276039	4.996	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	22453	4.973	ug/L	97
67) 1,3,5-Trichlorobenzene	13.24	180	209812	5.035	ug/L	99
68) 1,2,4-trichlorobenzene	13.87	180	195293	5.167	ug/L	99
69) Naphthalene	14.12	128	414391	5.208	ug/L	99
70) 1,2,3-Trichlorobenzene	14.37	180	180748	5.145	ug/L	100

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

