

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052120\
 Data File : VU038276.D
 Acq On : 21 May 2020 20:30
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00515

Quant Time: May 22 03:39:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 22 01:03:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	462794	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	448661	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	225009	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	151932	3.59	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.80%
7) Chloroethane-d5	1.93	69	143735	3.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.60%
11) 1,1-Dichloroethene-d2	2.59	63	275334	3.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.80%
20) 2-Butanone-d5	4.67	46	489009	46.82	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.64%
24) Chloroform-d	5.10	84	279478	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.00%
26) 1,2-Dichloroethane-d4	5.74	65	157072	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.40%
32) Benzene-d6	5.76	84	565719	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.20%
36) 1,2-Dichloropropane-d6	6.72	67	179844	4.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.80%
41) Toluene-d8	7.92	98	523588	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.60%
43) trans-1,3-Dichloropropene-	8.20	79	73334	4.22	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.40%
46) 2-Hexanone-d5	8.65	63	386201	47.05	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.10%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	151086	4.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	195760	4.47	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	162065	3.829 ug/L	99
3) Chloromethane	1.53	50	150226	2.945 ug/L	96
5) Vinyl chloride	1.62	62	192823	3.858 ug/L	98
6) Bromomethane	1.87	94	60063	2.111 ug/L	95
8) Chloroethane	1.95	64	127572	4.150 ug/L	99
9) Trichlorofluoromethane	2.16	101	237994	4.657 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	143351	4.525 ug/L	97
12) 1,1-Dichloroethene	2.61	96	140284	4.368 ug/L	86
13) Acetone	2.67	43	300526	45.863 ug/L	97
14) Carbon disulfide	2.82	76	421598	3.680 ug/L	100
15) Methyl Acetate	2.98	43	71968	3.926 ug/L	95
16) Methylene chloride	3.08	84	183860	4.911 ug/L	92
17) Methyl tert-butyl Ether	3.40	73	393557	4.410 ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	148254	4.228 ug/L	98
19) 1,1-Dichloroethane	3.91	63	287232	4.194 ug/L	98
21) 2-Butanone	4.75	43	519936	44.954 ug/L	97
22) cis-1,2-Dichloroethene	4.71	96	168518	4.460 ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.01	128	75279	4.630	ug/L	89
25) Chloroform	5.13	83	282802	4.427	ug/L	98
27) 1,2-Dichloroethane	5.83	62	195471	4.335	ug/L	100
29) 1,1,1-Trichloroethane	5.35	97	235648	4.584	ug/L	99
30) Cyclohexane	5.42	56	255024	4.202	ug/L	97
31) Carbon tetrachloride	5.56	117	189205	4.580	ug/L	97
33) Benzene	5.81	78	636868	4.433	ug/L	100
34) Trichloroethene	6.57	95	160629	4.470	ug/L	97
35) Methylcyclohexane	6.79	83	257852	4.430	ug/L	93
37) 1,2-Dichloropropane	6.82	63	165199	4.233	ug/L	99
38) Bromodichloromethane	7.13	83	201786	4.473	ug/L	97
39) cis-1,3-Dichloropropene	7.63	75	244348	4.375	ug/L	100
40) 4-Methyl-2-pentanone	7.82	43	1171512	43.313	ug/L	97
42) Toluene	7.99	91	681579	4.494	ug/L	99
44) trans-1,3-Dichloropropene	8.23	75	209764	4.417	ug/L	99
45) 1,1,2-Trichloroethane	8.42	97	126211	4.657	ug/L	98
47) Tetrachloroethene	8.57	164	115245	4.585	ug/L	98
48) 2-Hexanone	8.71	43	893595	45.113	ug/L	98
49) Dibromochloromethane	8.83	129	133049	4.731	ug/L	97
50) 1,2-Dibromoethane	8.94	107	116829	4.645	ug/L	99
51) Chlorobenzene	9.47	112	442888	4.705	ug/L	97
52) Ethylbenzene	9.59	91	758161	4.615	ug/L	100
53) m,p-Xylene	9.71	106	294822	4.680	ug/L	95
54) o-Xylene	10.11	106	284608	4.673	ug/L	99
55) Styrene	10.13	104	477569	4.671	ug/L	98
56) Isopropylbenzene	10.50	105	752052	4.807	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.80	83	152072	4.420	ug/L	97
59) 1,2,3-Trichloropropane	10.84	75	120784	4.611	ug/L	99
61) Bromoform	10.31	173	69179	4.549	ug/L	98
62) 1,3-Dichlorobenzene	11.76	146	345653	4.721	ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	343547	4.631	ug/L	98
65) 1,2-Dichlorobenzene	12.22	146	331351	4.704	ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.01	75	24728	4.296	ug/L	94
67) 1,3,5-Trichlorobenzene	13.24	180	251349	4.731	ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	235784	4.894	ug/L	99
69) Naphthalene	14.11	128	507973	5.008	ug/L	99
70) 1,2,3-Trichlorobenzene	14.36	180	219556	4.902	ug/L	99

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

