

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060520\
 Data File : VU038562.D
 Acq On : 05 Jun 2020 10:20
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00511

Quant Time: Jun 06 00:07:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 05 18:39:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	323264	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	315736	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	160847	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	96644	4.62	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.40%
7) Chloroethane-d5	1.93	69	80880	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.60%
11) 1,1-Dichloroethene-d2	2.59	63	205394	4.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.80%
20) 2-Butanone-d5	4.69	46	316785	49.84	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.68%
24) Chloroform-d	5.10	84	198841	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
26) 1,2-Dichloroethane-d4	5.74	65	110050	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
32) Benzene-d6	5.76	84	393857	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
36) 1,2-Dichloropropane-d6	6.72	67	116617	4.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.20%
41) Toluene-d8	7.92	98	356528	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
43) trans-1,3-Dichloropropene-	8.20	79	49982	4.79	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.80%
46) 2-Hexanone-d5	8.66	63	266145	51.70	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.40%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	100660	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.80%
64) 1,2-Dichlorobenzene-d4	12.21	152	132783	4.79	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	113323	4.448	ug/L 96
3) Chloromethane	1.53	50	95421	4.078	ug/L 97
5) Vinyl chloride	1.62	62	107707	4.296	ug/L 97
6) Bromomethane	1.87	94	57548	4.728	ug/L 99
8) Chloroethane	1.95	64	66985	4.459	ug/L 99
9) Trichlorofluoromethane	2.16	101	163986	4.931	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	99641	5.087	ug/L 98
12) 1,1-Dichloroethene	2.60	96	91568	4.599	ug/L 91
13) Acetone	2.69	43	204846	49.249	ug/L 63
14) Carbon disulfide	2.82	76	263701	3.904	ug/L 100
15) Methyl Acetate	2.99	43	45396	4.455	ug/L 95
16) Methylene chloride	3.08	84	105489	4.682	ug/L 98
17) Methyl tert-butyl Ether	3.40	73	257401	4.931	ug/L 99
18) trans-1,2-Dichloroethene	3.38	96	98563	4.594	ug/L 99
19) 1,1-Dichloroethane	3.91	63	188467	4.908	ug/L 100
21) 2-Butanone	4.77	43	343341	49.077	ug/L 97
22) cis-1,2-Dichloroethene	4.71	96	108867	4.712	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.01	128	49511	4.762	ug/L	97
25) Chloroform	5.13	83	195663	5.017	ug/L	99
27) 1,2-Dichloroethane	5.83	62	134050	4.882	ug/L	100
29) 1,1,1-Trichloroethane	5.35	97	171415	5.131	ug/L	99
30) Cyclohexane	5.42	56	157258	4.489	ug/L	100
31) Carbon tetrachloride	5.56	117	141635	5.092	ug/L	99
33) Benzene	5.81	78	423017	4.805	ug/L	100
34) Trichloroethene	6.57	95	109469	4.790	ug/L	99
35) Methylcyclohexane	6.79	83	162572	4.595	ug/L	97
37) 1,2-Dichloropropane	6.82	63	106695	4.816	ug/L	99
38) Bromodichloromethane	7.13	83	142321	5.173	ug/L	98
39) cis-1,3-Dichloropropene	7.63	75	159895	4.883	ug/L	99
40) 4-Methyl-2-pentanone	7.82	43	762761	48.140	ug/L	99
42) Toluene	8.00	91	445566	4.825	ug/L	99
44) trans-1,3-Dichloropropene	8.23	75	143231	4.953	ug/L	98
45) 1,1,2-Trichloroethane	8.42	97	83318	4.985	ug/L	97
47) Tetrachloroethene	8.57	164	79762	4.804	ug/L	98
48) 2-Hexanone	8.71	43	578083	48.176	ug/L	100
49) Dibromochloromethane	8.83	129	94535	5.240	ug/L	99
50) 1,2-Dibromoethane	8.95	107	77875	4.866	ug/L	100
51) Chlorobenzene	9.47	112	287023	4.819	ug/L	98
52) Ethylbenzene	9.59	91	494613	4.814	ug/L	99
53) m,p-Xylene	9.71	106	195902	4.958	ug/L	100
54) o-Xylene	10.12	106	187487	4.943	ug/L	99
55) Styrene	10.13	104	323486	5.024	ug/L	99
56) Isopropylbenzene	10.50	105	497812	4.986	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.80	83	101497	4.778	ug/L	96
59) 1,2,3-Trichloropropane	10.84	75	80295	4.856	ug/L	97
61) Bromoform	10.31	173	52467	5.236	ug/L	100
62) 1,3-Dichlorobenzene	11.76	146	237195	5.019	ug/L	98
63) 1,4-Dichlorobenzene	11.85	146	236655	4.938	ug/L	99
65) 1,2-Dichlorobenzene	12.23	146	223827	4.988	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	19235	5.294	ug/L	99
67) 1,3,5-Trichlorobenzene	13.24	180	176943	5.018	ug/L	99
68) 1,2,4-trichlorobenzene	13.87	180	156791	4.804	ug/L	100
69) Naphthalene	14.12	128	310168	4.776	ug/L	99
70) 1,2,3-Trichlorobenzene	14.37	180	146924	4.948	ug/L	96

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

