

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU053020\
 Data File : VU038402.D
 Acq On : 30 May 2020 01:24
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00523

Quant Time: May 30 02:22:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 30 00:03:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	275985	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	266255	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	139232	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	115648	4.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.60%
7) Chloroethane-d5	1.93	69	93168	4.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.40%
11) 1,1-Dichloroethene-d2	2.59	63	220586	5.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	104.60%
20) 2-Butanone-d5	4.68	46	379104	60.87	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.74%
24) Chloroform-d	5.10	84	224885	5.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	117.40%
26) 1,2-Dichloroethane-d4	5.74	65	129884	5.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	118.40%
32) Benzene-d6	5.76	84	448884	5.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.40%
36) 1,2-Dichloropropane-d6	6.72	67	137245	5.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.60%
41) Toluene-d8	7.92	98	387183	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.00%
43) trans-1,3-Dichloropropene-	8.20	79	57231	5.55	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	111.00%
46) 2-Hexanone-d5	8.65	63	321419	65.99	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	131.98%#
57) 1,1,2,2-Tetrachloroethane-	10.77	84	119716	5.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	117.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	149361	5.51	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.20%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	115092	4.56 ug/L	99
3) Chloromethane	1.53	50	107388	3.53 ug/L	96
5) Vinyl chloride	1.62	62	119353	4.00 ug/L	99
6) Bromomethane	1.87	94	50589	2.98 ug/L	100
8) Chloroethane	1.95	64	73744	4.02 ug/L	100
9) Trichlorofluoromethane	2.16	101	163461	5.36 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	90407	4.79 ug/L	97
12) 1,1-Dichloroethene	2.61	96	96504	5.04 ug/L	90
13) Acetone	2.68	43	209102	53.51 ug/L	95
14) Carbon disulfide	2.82	76	306586	4.49 ug/L	99
15) Methyl Acetate	2.99	43	53978	4.94 ug/L	94
16) Methylene chloride	3.08	84	112850	5.05 ug/L	95
17) Methyl tert-butyl Ether	3.40	73	276497	5.20 ug/L	97
18) trans-1,2-Dichloroethene	3.39	96	105586	5.05 ug/L	98
19) 1,1-Dichloroethane	3.91	63	199953	4.90 ug/L	99
21) 2-Butanone	4.76	43	369765	53.61 ug/L	99
22) cis-1,2-Dichloroethene	4.71	96	114574	5.08 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	52502	5.41	ug/L	89
25) Chloroform	5.13	83	202880	5.33	ug/L	100
27) 1,2-Dichloroethane	5.83	62	142350	5.29	ug/L	100
29) 1,1,1-Trichloroethane	5.35	97	170762	5.60	ug/L	97
30) Cyclohexane	5.42	56	157421	4.37	ug/L	99
31) Carbon tetrachloride	5.56	117	135756	5.54	ug/L	97
33) Benzene	5.81	78	449865	5.28	ug/L	100
34) Trichloroethene	6.57	95	111534	5.23	ug/L	97
35) Methylcyclohexane	6.79	83	155804	4.51	ug/L	94
37) 1,2-Dichloropropane	6.82	63	116264	5.02	ug/L	99
38) Bromodichloromethane	7.13	83	142792	5.33	ug/L	98
39) cis-1,3-Dichloropropene	7.63	75	166887	5.03	ug/L	99
40) 4-Methyl-2-pentanone	7.82	43	818702	51.01	ug/L	99
42) Toluene	7.99	91	459904	5.11	ug/L	96
44) trans-1,3-Dichloropropene	8.23	75	145521	5.16	ug/L	98
45) 1,1,2-Trichloroethane	8.42	97	86800	5.40	ug/L	97
47) Tetrachloroethene	8.57	164	77128	5.17	ug/L	98
48) 2-Hexanone	8.71	43	624813	53.15	ug/L	99
49) Dibromochloromethane	8.83	129	94667	5.67	ug/L	99
50) 1,2-Dibromoethane	8.94	107	82226	5.51	ug/L	98
51) Chlorobenzene	9.47	112	291738	5.22	ug/L	98
52) Ethylbenzene	9.59	91	494243	5.07	ug/L	98
53) m,p-Xylene	9.71	106	191953	5.13	ug/L	99
54) o-Xylene	10.12	106	187729	5.19	ug/L	97
55) Styrene	10.13	104	322729	5.32	ug/L	100
56) Isopropylbenzene	10.50	105	473965	5.10	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.80	83	106753	5.23	ug/L	98
59) 1,2,3-Trichloropropane	10.84	75	84070	5.41	ug/L	99
61) Bromoform	10.31	173	50188	5.33	ug/L	98
62) 1,3-Dichlorobenzene	11.76	146	226725	5.00	ug/L	98
63) 1,4-Dichlorobenzene	11.85	146	228668	4.98	ug/L	99
65) 1,2-Dichlorobenzene	12.22	146	219760	5.04	ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.01	75	17654	4.96	ug/L	90
67) 1,3,5-Trichlorobenzene	13.24	180	164152	4.99	ug/L	99
68) 1,2,4-trichlorobenzene	13.87	180	153503	5.15	ug/L	98
69) Naphthalene	14.11	128	322431	5.14	ug/L	100
70) 1,2,3-Trichlorobenzene	14.36	180	146775	5.30	ug/L	99

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

