

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU053020\
 Data File : VU038378.D
 Acq On : 29 May 2020 15:11
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00522

Quant Time: May 29 23:58:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 29 10:57:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	315070	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	306936	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	163601	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	125650	4.36	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.20%
7) Chloroethane-d5	1.93	69	97859	3.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.60%
11) 1,1-Dichloroethene-d2	2.59	63	249215	5.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.40%
20) 2-Butanone-d5	4.68	46	392465	55.20	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.40%
24) Chloroform-d	5.10	84	233301	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.60%
26) 1,2-Dichloroethane-d4	5.74	65	131877	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.20%
32) Benzene-d6	5.76	84	470904	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.40%
36) 1,2-Dichloropropane-d6	6.72	67	144140	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.20%
41) Toluene-d8	7.92	98	419780	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
43) trans-1,3-Dichloropropene-	8.20	79	62466	5.25	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	105.00%
46) 2-Hexanone-d5	8.66	63	320481	57.07	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.14%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	120332	5.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.80%
64) 1,2-Dichlorobenzene-d4	12.21	152	158306	4.97	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.40%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.40	85	152381	5.29 ug/L	98
3) Chloromethane	1.53	50	132406	3.81 ug/L	96
5) Vinyl chloride	1.62	62	146678	4.31 ug/L	98
6) Bromomethane	1.87	94	82379	4.25 ug/L	96
8) Chloroethane	1.95	64	89063	4.26 ug/L	99
9) Trichlorofluoromethane	2.16	101	201269	5.78 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	119986	5.56 ug/L	97
12) 1,1-Dichloroethene	2.60	96	117861	5.39 ug/L	99
13) Acetone	2.69	43	255505	57.27 ug/L	99
14) Carbon disulfide	2.82	76	384475	4.93 ug/L	100
15) Methyl Acetate	2.99	43	64873	5.20 ug/L	100
16) Methylene chloride	3.08	84	129237	5.07 ug/L	97
17) Methyl tert-butyl Ether	3.40	73	320795	5.28 ug/L	97
18) trans-1,2-Dichloroethene	3.39	96	127247	5.33 ug/L	95
19) 1,1-Dichloroethane	3.91	63	237053	5.08 ug/L	99
21) 2-Butanone	4.76	43	433213	55.02 ug/L	98
22) cis-1,2-Dichloroethene	4.71	96	137640	5.35 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.01	128	60648	5.48	ug/L	87
25) Chloroform	5.13	83	240291	5.53	ug/L	96
27) 1,2-Dichloroethane	5.83	62	161733	5.27	ug/L	100
29) 1,1,1-Trichloroethane	5.35	97	208372	5.93	ug/L	98
30) Cyclohexane	5.42	56	214896	5.18	ug/L	99
31) Carbon tetrachloride	5.56	117	173576	6.14	ug/L	99
33) Benzene	5.81	78	536151	5.45	ug/L	100
34) Trichloroethene	6.57	95	140097	5.70	ug/L	98
35) Methylcyclohexane	6.79	83	212324	5.33	ug/L	97
37) 1,2-Dichloropropane	6.82	63	135536	5.08	ug/L	99
38) Bromodichloromethane	7.13	83	170064	5.51	ug/L	98
39) cis-1,3-Dichloropropene	7.63	75	204380	5.35	ug/L	98
40) 4-Methyl-2-pentanone	7.82	43	970117	52.43	ug/L	98
42) Toluene	7.99	91	566618	5.46	ug/L	97
44) trans-1,3-Dichloropropene	8.23	75	177425	5.46	ug/L	100
45) 1,1,2-Trichloroethane	8.42	97	101391	5.47	ug/L	97
47) Tetrachloroethene	8.57	164	99339	5.78	ug/L	98
48) 2-Hexanone	8.71	43	725418	53.53	ug/L	97
49) Dibromochloromethane	8.83	129	113816	5.92	ug/L	95
50) 1,2-Dibromoethane	8.95	107	97706	5.68	ug/L	100
51) Chlorobenzene	9.47	112	354988	5.51	ug/L	98
52) Ethylbenzene	9.59	91	632551	5.63	ug/L	99
53) m,p-Xylene	9.71	106	243822	5.66	ug/L	100
54) o-Xylene	10.12	106	233746	5.61	ug/L	95
55) Styrene	10.13	104	400992	5.73	ug/L	100
56) Isopropylbenzene	10.50	105	619212	5.79	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.80	83	127906	5.43	ug/L	95
59) 1,2,3-Trichloropropane	10.84	75	100201	5.59	ug/L	100
61) Bromoform	10.31	173	62044	5.61	ug/L	98
62) 1,3-Dichlorobenzene	11.76	146	284008	5.34	ug/L	98
63) 1,4-Dichlorobenzene	11.85	146	287668	5.33	ug/L	98
65) 1,2-Dichlorobenzene	12.23	146	270653	5.29	ug/L	97
66) 1,2-Dibromo-3-chloropropan	13.02	75	21893	5.23	ug/L	94
67) 1,3,5-Trichlorobenzene	13.24	180	209516	5.42	ug/L	98
68) 1,2,4-trichlorobenzene	13.87	180	190504	5.44	ug/L	98
69) Naphthalene	14.12	128	392959	5.33	ug/L	99
70) 1,2,3-Trichlorobenzene	14.37	180	177997	5.47	ug/L	99

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

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