

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051420\
 Data File : VU038159.D
 Acq On : 14 May 2020 10:39
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00528

Quant Time: May 15 01:02:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 14 13:11:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	395714	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	381758	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	186989	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	157796	4.36	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.20%
7) Chloroethane-d5	1.93	69	130539	4.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.40%
11) 1,1-Dichloroethene-d2	2.59	63	255239	4.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.40%
20) 2-Butanone-d5	4.68	46	498523	55.82	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.64%
24) Chloroform-d	5.10	84	243018	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.40%
26) 1,2-Dichloroethane-d4	5.74	65	144304	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
32) Benzene-d6	5.76	84	509632	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
36) 1,2-Dichloropropane-d6	6.72	67	165716	4.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.80%
41) Toluene-d8	7.92	98	465483	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
43) trans-1,3-Dichloropropene-	8.20	79	68821	4.65	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.00%
46) 2-Hexanone-d5	8.66	63	368468	52.76	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.52%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	144832	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.40%
64) 1,2-Dichlorobenzene-d4	12.21	152	169121	4.65	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	153168	4.232 ug/L	99
3) Chloromethane	1.53	50	179638	4.119 ug/L	100
5) Vinyl chloride	1.62	62	181589	4.249 ug/L	99
6) Bromomethane	1.88	94	96032	3.947 ug/L	98
8) Chloroethane	1.95	64	110836	4.216 ug/L	97
9) Trichlorofluoromethane	2.16	101	192870	4.414 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	120184	4.436 ug/L	98
12) 1,1-Dichloroethene	2.61	96	117588	4.282 ug/L	92
13) Acetone	2.68	43	297275	53.057 ug/L	98
14) Carbon disulfide	2.82	76	385506	3.935 ug/L	99
15) Methyl Acetate	2.99	43	72515	4.627 ug/L	99
16) Methylene chloride	3.08	84	137256	4.288 ug/L	98
17) Methyl tert-butyl Ether	3.40	73	331331	4.342 ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	126449	4.218 ug/L	97
19) 1,1-Dichloroethane	3.91	63	249752	4.265 ug/L	98
21) 2-Butanone	4.76	43	521341	52.716 ug/L	99
22) cis-1,2-Dichloroethene	4.71	96	139076	4.305 ug/L	98

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 ALS Vial : 2 Sample Multiplier: 1

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	62676	4.508	ug/L	94
25) Chloroform	5.13	83	242458	4.439	ug/L	100
27) 1,2-Dichloroethane	5.83	62	170670	4.427	ug/L	97
29) 1,1,1-Trichloroethane	5.35	97	194218	4.440	ug/L	99
30) Cyclohexane	5.42	56	229335	4.441	ug/L	98
31) Carbon tetrachloride	5.56	117	156188	4.443	ug/L	99
33) Benzene	5.81	78	549566	4.495	ug/L	100
34) Trichloroethene	6.57	95	136179	4.454	ug/L	98
35) Methylcyclohexane	6.79	83	223452	4.512	ug/L	97
37) 1,2-Dichloropropane	6.82	63	145334	4.377	ug/L	99
38) Bromodichloromethane	7.13	83	167568	4.365	ug/L	99
39) cis-1,3-Dichloropropene	7.63	75	212978	4.481	ug/L	98
40) 4-Methyl-2-pentanone	7.82	43	1153361	50.115	ug/L	100
42) Toluene	7.99	91	570116	4.418	ug/L	96
44) trans-1,3-Dichloropropene	8.23	75	179891	4.451	ug/L	99
45) 1,1,2-Trichloroethane	8.42	97	106588	4.622	ug/L	96
47) Tetrachloroethene	8.57	164	95152	4.449	ug/L	99
48) 2-Hexanone	8.71	43	869588	51.594	ug/L	100
49) Dibromochloromethane	8.83	129	110520	4.618	ug/L	98
50) 1,2-Dibromoethane	8.95	107	101095	4.724	ug/L	99
51) Chlorobenzene	9.47	112	357851	4.468	ug/L	98
52) Ethylbenzene	9.59	91	624987	4.471	ug/L	99
53) m,p-Xylene	9.71	106	244328	4.558	ug/L	100
54) o-Xylene	10.12	106	232031	4.477	ug/L	98
55) Styrene	10.13	104	394962	4.540	ug/L	98
56) Isopropylbenzene	10.50	105	611120	4.591	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.80	83	141650	4.838	ug/L	97
59) 1,2,3-Trichloropropane	10.84	75	109320	4.905	ug/L	99
61) Bromoform	10.31	173	58613	4.637	ug/L	99
62) 1,3-Dichlorobenzene	11.76	146	278835	4.583	ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	278213	4.513	ug/L	98
65) 1,2-Dichlorobenzene	12.23	146	265293	4.532	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	22440	4.691	ug/L	96
67) 1,3,5-Trichlorobenzene	13.24	180	202432	4.585	ug/L	99
68) 1,2,4-trichlorobenzene	13.87	180	184507	4.608	ug/L	98
69) Naphthalene	14.12	128	405078	4.805	ug/L	100
70) 1,2,3-Trichlorobenzene	14.37	180	174024	4.676	ug/L	99

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

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