

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062420\
 Data File : VU039055.D
 Acq On : 24 Jun 2020 10:14
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00513

Quant Time: Jun 25 00:57:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jun 24 10:58:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	309242	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	300202	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	149851	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	98805	4.36	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.20%
7) Chloroethane-d5	1.93	69	88530	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.60%
11) 1,1-Dichloroethene-d2	2.59	63	202799	4.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.20%
20) 2-Butanone-d5	4.67	46	406641	49.76	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.52%
24) Chloroform-d	5.10	84	209380	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
26) 1,2-Dichloroethane-d4	5.74	65	127244	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
32) Benzene-d6	5.76	84	395944	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
36) 1,2-Dichloropropane-d6	6.72	67	132534	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.80%
41) Toluene-d8	7.92	98	339624	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
43) trans-1,3-Dichloropropene-	8.20	79	58741	4.83	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.60%
46) 2-Hexanone-d5	8.66	63	329675	52.54	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.08%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	125507	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.60%
64) 1,2-Dichlorobenzene-d4	12.21	152	125578	4.50	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	139135	5.028	ug/L 99
3) Chloromethane	1.53	50	147219	4.942	ug/L 94
5) Vinyl chloride	1.62	62	147864	4.922	ug/L 100
6) Bromomethane	1.87	94	78276	4.840	ug/L 98
8) Chloroethane	1.95	64	88838	4.907	ug/L 98
9) Trichlorofluoromethane	2.16	101	190476	4.953	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	116477	5.203	ug/L 98
12) 1,1-Dichloroethene	2.60	96	107196	5.005	ug/L 97
13) Acetone	2.67	43	267680	48.232	ug/L 100
14) Carbon disulfide	2.82	76	342450	4.796	ug/L 100
15) Methyl Acetate	2.99	43	60893	4.621	ug/L 95
16) Methylene chloride	3.08	84	121527	4.599	ug/L 96
17) Methyl tert-butyl Ether	3.40	73	292094	4.791	ug/L 98
18) trans-1,2-Dichloroethene	3.39	96	111658	4.872	ug/L 98
19) 1,1-Dichloroethane	3.91	63	223542	4.907	ug/L 99
21) 2-Butanone	4.75	43	441507	52.324	ug/L 98
22) cis-1,2-Dichloroethene	4.71	96	119313	4.825	ug/L 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.01	128	53302	4.683	ug/L	95
25) Chloroform	5.12	83	223531	4.884	ug/L	98
27) 1,2-Dichloroethane	5.83	62	156371	4.795	ug/L	100
29) 1,1,1-Trichloroethane	5.35	97	187205	4.997	ug/L	98
30) Cyclohexane	5.42	56	184834	5.302	ug/L	98
31) Carbon tetrachloride	5.56	117	157742	5.056	ug/L	99
33) Benzene	5.81	78	478099	5.069	ug/L	100
34) Trichloroethene	6.57	95	116457	5.105	ug/L	99
35) Methylcyclohexane	6.79	83	183775	5.429	ug/L	98
37) 1,2-Dichloropropane	6.82	63	129794	5.079	ug/L	100
38) Bromodichloromethane	7.13	83	160400	5.035	ug/L	98
39) cis-1,3-Dichloropropene	7.63	75	181893	5.135	ug/L	98
40) 4-Methyl-2-pentanone	7.82	43	1001936	52.532	ug/L	100
42) Toluene	7.99	91	493941	5.276	ug/L	99
44) trans-1,3-Dichloropropene	8.23	75	170533	5.146	ug/L	100
45) 1,1,2-Trichloroethane	8.42	97	95190	5.012	ug/L	97
47) Tetrachloroethene	8.57	164	82809	5.036	ug/L	96
48) 2-Hexanone	8.71	43	762645	54.544	ug/L	100
49) Dibromochloromethane	8.83	129	104649	5.067	ug/L	100
50) 1,2-Dibromoethane	8.95	107	89534	4.986	ug/L	98
51) Chlorobenzene	9.47	112	296337	5.028	ug/L	99
52) Ethylbenzene	9.59	91	505422	5.136	ug/L	100
53) m,p-Xylene	9.71	106	194583	5.377	ug/L	100
54) o-Xylene	10.12	106	181559	5.223	ug/L	99
55) Styrene	10.13	104	327489	5.364	ug/L	99
56) Isopropylbenzene	10.50	105	488175	5.360	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.80	83	124140	4.888	ug/L	100
59) 1,2,3-Trichloropropane	10.84	75	93643	4.861	ug/L	98
61) Bromoform	10.31	173	58255	4.759	ug/L	98
62) 1,3-Dichlorobenzene	11.76	146	223728	5.021	ug/L	100
63) 1,4-Dichlorobenzene	11.85	146	226806	4.942	ug/L	97
65) 1,2-Dichlorobenzene	12.23	146	215773	4.830	ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.02	75	23174	4.702	ug/L	94
67) 1,3,5-Trichlorobenzene	13.25	180	161510	4.898	ug/L	99
68) 1,2,4-trichlorobenzene	13.88	180	145066	4.829	ug/L	98
69) Naphthalene	14.12	128	296446	4.626	ug/L	99
70) 1,2,3-Trichlorobenzene	14.37	180	139514	4.812	ug/L	99

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

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