

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062320\
 Data File : VU039053.D
 Acq On : 23 Jun 2020 20:48
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00512

Quant Time: Jun 24 01:16:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jun 24 01:05:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	255727	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	259614	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	122035	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	96477	5.15	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.00%
7) Chloroethane-d5	1.93	69	82660	5.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.80%
11) 1,1-Dichloroethene-d2	2.59	63	179561	4.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.80%
20) 2-Butanone-d5	4.66	46	360795	53.38	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.76%
24) Chloroform-d	5.10	84	190430	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.40%
26) 1,2-Dichloroethane-d4	5.74	65	119084	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.20%
32) Benzene-d6	5.76	84	362914	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
36) 1,2-Dichloropropane-d6	6.72	67	122590	5.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.40%
41) Toluene-d8	7.92	98	309509	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.80%
43) trans-1,3-Dichloropropene-	8.20	79	52180	4.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.20%
46) 2-Hexanone-d5	8.65	63	294757	54.32	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.64%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	115844	5.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.00%
64) 1,2-Dichlorobenzene-d4	12.20	152	113957	5.01	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	112701	4.925 ug/L	99
3) Chloromethane	1.53	50	135201	5.489 ug/L	96
5) Vinyl chloride	1.62	62	131079	5.277 ug/L	98
6) Bromomethane	1.87	94	66685	4.986 ug/L	97
8) Chloroethane	1.95	64	80777	5.395 ug/L	99
9) Trichlorofluoromethane	2.16	101	159309	5.009 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	87429	4.722 ug/L	99
12) 1,1-Dichloroethene	2.61	96	89875	5.075 ug/L	97
13) Acetone	2.66	43	226662	49.388 ug/L	100
14) Carbon disulfide	2.82	76	300249	5.085 ug/L	99
15) Methyl Acetate	2.98	43	57548	5.281 ug/L	96
16) Methylene chloride	3.08	84	117843	5.393 ug/L	98
17) Methyl tert-butyl Ether	3.40	73	262853	5.213 ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	95741	5.052 ug/L	99
19) 1,1-Dichloroethane	3.91	63	200723	5.328 ug/L	98
21) 2-Butanone	4.74	43	383546	54.967 ug/L	99
22) cis-1,2-Dichloroethene	4.71	96	108477	5.304 ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.01	128	50186	5.332	ug/L	94
25) Chloroform	5.12	83	203163	5.368	ug/L	97
27) 1,2-Dichloroethane	5.83	62	143510	5.321	ug/L	98
29) 1,1,1-Trichloroethane	5.35	97	162329	5.010	ug/L	99
30) Cyclohexane	5.42	56	132483	4.395	ug/L	99
31) Carbon tetrachloride	5.56	117	131360	4.869	ug/L	100
33) Benzene	5.81	78	423346	5.190	ug/L	100
34) Trichloroethene	6.57	95	97873	4.961	ug/L	98
35) Methylcyclohexane	6.79	83	124931	4.267	ug/L	99
37) 1,2-Dichloropropane	6.82	63	117841	5.332	ug/L	100
38) Bromodichloromethane	7.13	83	142885	5.186	ug/L	99
39) cis-1,3-Dichloropropene	7.63	75	157072	5.128	ug/L	99
40) 4-Methyl-2-pentanone	7.82	43	921836	55.889	ug/L	100
42) Toluene	7.99	91	423089	5.225	ug/L	99
44) trans-1,3-Dichloropropene	8.23	75	149926	5.231	ug/L	95
45) 1,1,2-Trichloroethane	8.42	97	87402	5.321	ug/L	97
47) Tetrachloroethene	8.57	164	65659	4.617	ug/L	99
48) 2-Hexanone	8.70	43	696540	57.604	ug/L	99
49) Dibromochloromethane	8.83	129	95475	5.346	ug/L	99
50) 1,2-Dibromoethane	8.94	107	81070	5.221	ug/L	98
51) Chlorobenzene	9.47	112	254950	5.002	ug/L	98
52) Ethylbenzene	9.59	91	411751	4.838	ug/L	99
53) m,p-Xylene	9.71	106	158172	5.054	ug/L	98
54) o-Xylene	10.11	106	154001	5.123	ug/L	99
55) Styrene	10.13	104	274364	5.197	ug/L	100
56) Isopropylbenzene	10.50	105	379857	4.822	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.80	83	115769	5.271	ug/L	99
59) 1,2,3-Trichloropropane	10.83	75	86730	5.205	ug/L	100
61) Bromoform	10.30	173	53901	5.407	ug/L	99
62) 1,3-Dichlorobenzene	11.76	146	184497	5.084	ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	186611	4.993	ug/L	99
65) 1,2-Dichlorobenzene	12.22	146	185858	5.108	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.01	75	20922	5.213	ug/L	98
67) 1,3,5-Trichlorobenzene	13.24	180	125093	4.658	ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	117504	4.804	ug/L	98
69) Naphthalene	14.11	128	248326	4.758	ug/L	100
70) 1,2,3-Trichlorobenzene	14.36	180	114710	4.858	ug/L	98

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

