

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062620\
 Data File : VU039153.D
 Acq On : 26 Jun 2020 09:32
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00519

Quant Time: Jun 26 23:49:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 26 04:20:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	266253	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	269100	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	136106	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	73261	3.76	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.20%
7) Chloroethane-d5	1.93	69	70448	4.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.40%
11) 1,1-Dichloroethene-d2	2.60	63	171718	4.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.60%
20) 2-Butanone-d5	4.68	46	377094	53.59	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.18%
24) Chloroform-d	5.10	84	184971	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
26) 1,2-Dichloroethane-d4	5.74	65	110087	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
32) Benzene-d6	5.76	84	326988	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
36) 1,2-Dichloropropane-d6	6.72	67	111953	4.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.20%
41) Toluene-d8	7.92	98	275779	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%
43) trans-1,3-Dichloropropene-	8.20	79	48600	4.46	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.20%
46) 2-Hexanone-d5	8.66	63	291300	51.79	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.58%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	109846	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	108724	4.29	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.39	85	124195	5.212	ug/L	99
3) Chloromethane	1.53	50	129244	5.040	ug/L	97
5) Vinyl chloride	1.62	62	134459	5.199	ug/L	99
6) Bromomethane	1.88	94	73157	5.254	ug/L	99
8) Chloroethane	1.95	64	83375	5.349	ug/L	98
9) Trichlorofluoromethane	2.16	101	183721	5.549	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	106904	5.546	ug/L	99
12) 1,1-Dichloroethene	2.61	96	98616	5.348	ug/L	91
13) Acetone	2.68	43	250991	52.527	ug/L	100
14) Carbon disulfide	2.82	76	309878	5.040	ug/L	100
15) Methyl Acetate	2.99	43	57086	5.032	ug/L	95
16) Methylene chloride	3.08	84	116860	5.137	ug/L	98
17) Methyl tert-butyl Ether	3.40	73	271236	5.167	ug/L	100
18) trans-1,2-Dichloroethene	3.39	96	101983	5.169	ug/L	99
19) 1,1-Dichloroethane	3.91	63	208739	5.322	ug/L	98
21) 2-Butanone	4.75	43	403076	55.483	ug/L	98
22) cis-1,2-Dichloroethene	4.71	96	111375	5.231	ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

23) Bromochloromethane	5.01	128	52994	5.408	ug/L	97
25) Chloroform	5.12	83	209760	5.323	ug/L	96
27) 1,2-Dichloroethane	5.83	62	149703	5.331	ug/L	98
29) 1,1,1-Trichloroethane	5.35	97	180993	5.389	ug/L	99
30) Cyclohexane	5.42	56	164698	5.271	ug/L	99
31) Carbon tetrachloride	5.56	117	149470	5.345	ug/L	100
33) Benzene	5.81	78	445292	5.267	ug/L	100
34) Trichloroethene	6.57	95	111799	5.467	ug/L	98
35) Methylcyclohexane	6.79	83	165153	5.442	ug/L	98
37) 1,2-Dichloropropane	6.82	63	119692	5.225	ug/L #	93
38) Bromodichloromethane	7.13	83	151591	5.308	ug/L	100
39) cis-1,3-Dichloropropene	7.63	75	165843	5.223	ug/L	97
40) 4-Methyl-2-pentanone	7.82	43	913690	53.442	ug/L	99
42) Toluene	7.99	91	457363	5.450	ug/L	99
44) trans-1,3-Dichloropropene	8.23	75	159942	5.384	ug/L	100
45) 1,1,2-Trichloroethane	8.42	97	90764	5.331	ug/L	95
47) Tetrachloroethene	8.57	164	79203	5.373	ug/L	96
48) 2-Hexanone	8.71	43	701167	55.943	ug/L	99
49) Dibromochloromethane	8.83	129	99168	5.357	ug/L	99
50) 1,2-Dibromoethane	8.94	107	83895	5.212	ug/L #	98
51) Chlorobenzene	9.47	112	282793	5.353	ug/L	100
52) Ethylbenzene	9.59	91	471808	5.348	ug/L	99
53) m,p-Xylene	9.71	106	181232	5.587	ug/L	100
54) o-Xylene	10.12	106	172604	5.539	ug/L	98
55) Styrene	10.13	104	310233	5.669	ug/L	99
56) Isopropylbenzene	10.50	105	459576	5.629	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.80	83	113938	5.005	ug/L	98
59) 1,2,3-Trichloropropane	10.84	75	89919	5.207	ug/L	98
61) Bromoform	10.31	173	54547	4.906	ug/L	99
62) 1,3-Dichlorobenzene	11.76	146	217683	5.379	ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	220007	5.278	ug/L	97
65) 1,2-Dichlorobenzene	12.23	146	208619	5.141	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	21079	4.709	ug/L	95
67) 1,3,5-Trichlorobenzene	13.24	180	153875	5.137	ug/L	99
68) 1,2,4-trichlorobenzene	13.87	180	136188	4.992	ug/L	97
69) Naphthalene	14.12	128	257201	4.419	ug/L	100
70) 1,2,3-Trichlorobenzene	14.37	180	130373	4.951	ug/L	98

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

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