

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061620\
 Data File : VU038917.D
 Acq On : 16 Jun 2020 11:02
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00526

Quant Time: Jun 17 01:55:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061520WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 16 12:56:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	321274	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	330450	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	168016	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	70528	4.41	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.20%
7) Chloroethane-d5	1.93	69	68481	4.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.20%
11) 1,1-Dichloroethene-d2	2.59	63	181471	4.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.40%
20) 2-Butanone-d5	4.68	46	280507	48.41	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.82%
24) Chloroform-d	5.10	84	186096	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
26) 1,2-Dichloroethane-d4	5.74	65	102671	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
32) Benzene-d6	5.76	84	341017	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
36) 1,2-Dichloropropane-d6	6.72	67	104457	4.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.20%
41) Toluene-d8	7.92	98	314398	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
43) trans-1,3-Dichloropropene-	8.20	79	48738	4.81	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.20%
46) 2-Hexanone-d5	8.66	63	231550	46.35	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.70%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	99308	4.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	126562	4.41	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	150383	4.809	ug/L 98
3) Chloromethane	1.53	50	124838	4.786	ug/L 100
5) Vinyl chloride	1.62	62	132752	4.824	ug/L 98
6) Bromomethane	1.88	94	80560	4.767	ug/L 98
8) Chloroethane	1.95	64	93011	4.546	ug/L 100
9) Trichlorofluoromethane	2.16	101	227571	4.761	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	116303	4.906	ug/L 99
12) 1,1-Dichloroethene	2.60	96	108173	4.765	ug/L 98
13) Acetone	2.69	43	235509	49.672	ug/L 96
14) Carbon disulfide	2.82	76	357966	4.749	ug/L 100
15) Methyl Acetate	2.99	43	50526	4.368	ug/L 94
16) Methylene chloride	3.08	84	120174	4.604	ug/L 97
17) Methyl tert-butyl Ether	3.40	73	286835	4.951	ug/L 98
18) trans-1,2-Dichloroethene	3.39	96	116611	4.848	ug/L 99
19) 1,1-Dichloroethane	3.91	63	212487	4.819	ug/L 97
21) 2-Butanone	4.76	43	368210	47.773	ug/L 98
22) cis-1,2-Dichloroethene	4.71	96	121183	4.818	ug/L 94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.01	128	56160	4.716	ug/L	96
25) Chloroform	5.13	83	218134	4.747	ug/L	99
27) 1,2-Dichloroethane	5.83	62	152321	4.670	ug/L	98
29) 1,1,1-Trichloroethane	5.35	97	195197	4.769	ug/L	98
30) Cyclohexane	5.42	56	185771	5.038	ug/L	100
31) Carbon tetrachloride	5.56	117	164964	4.735	ug/L	100
33) Benzene	5.81	78	468145	4.770	ug/L	100
34) Trichloroethene	6.57	95	122687	4.787	ug/L	97
35) Methylcyclohexane	6.79	83	185206	4.851	ug/L	99
37) 1,2-Dichloropropane	6.82	63	118385	4.674	ug/L	99
38) Bromodichloromethane	7.13	83	157486	4.729	ug/L	98
39) cis-1,3-Dichloropropene	7.63	75	176750	4.880	ug/L	97
40) 4-Methyl-2-pentanone	7.82	43	813911	47.113	ug/L	99
42) Toluene	7.99	91	511341	4.943	ug/L	99
44) trans-1,3-Dichloropropene	8.23	75	163811	4.945	ug/L	98
45) 1,1,2-Trichloroethane	8.42	97	91883	4.746	ug/L	97
47) Tetrachloroethene	8.57	164	97489	4.963	ug/L	99
48) 2-Hexanone	8.71	43	635508	46.403	ug/L	98
49) Dibromochloromethane	8.83	129	104615	4.657	ug/L	98
50) 1,2-Dibromoethane	8.94	107	86916	4.632	ug/L	99
51) Chlorobenzene	9.47	112	334474	4.968	ug/L	99
52) Ethylbenzene	9.59	91	580686	5.045	ug/L	98
53) m,p-Xylene	9.71	106	224430	5.189	ug/L	98
54) o-Xylene	10.12	106	214684	5.159	ug/L	98
55) Styrene	10.13	104	383147	5.301	ug/L	99
56) Isopropylbenzene	10.50	105	579367	5.361	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.80	83	118595	4.778	ug/L	99
59) 1,2,3-Trichloropropane	10.84	75	90982	4.662	ug/L	100
61) Bromoform	10.31	173	63158	4.932	ug/L	98
62) 1,3-Dichlorobenzene	11.76	146	267709	5.054	ug/L	98
63) 1,4-Dichlorobenzene	11.85	146	268019	4.995	ug/L	99
65) 1,2-Dichlorobenzene	12.22	146	250068	4.751	ug/L	100
66) 1,2-Dibromo-3-chloropropan	13.02	75	20542	4.407	ug/L	95
67) 1,3,5-Trichlorobenzene	13.24	180	204135	5.115	ug/L	100
68) 1,2,4-trichlorobenzene	13.87	180	193894	5.800	ug/L	100
69) Naphthalene	14.12	128	363314	5.780	ug/L	99
70) 1,2,3-Trichlorobenzene	14.37	180	174909	5.592	ug/L	97

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

