

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060420\
 Data File : VU038539.D
 Acq On : 04 Jun 2020 09:50
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00509

Quant Time: Jun 05 01:06:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 04 03:42:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	322898	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	310809	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	162172	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	114851	5.50	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	110.00%
7) Chloroethane-d5	1.93	69	89233	5.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.20%
11) 1,1-Dichloroethene-d2	2.59	63	218846	5.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	106.40%
20) 2-Butanone-d5	4.68	46	339791	53.52	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.04%
24) Chloroform-d	5.10	84	216132	5.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.20%
26) 1,2-Dichloroethane-d4	5.74	65	120903	5.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.40%
32) Benzene-d6	5.76	84	426725	5.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.00%
36) 1,2-Dichloropropane-d6	6.72	67	126088	5.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.60%
41) Toluene-d8	7.92	98	384946	5.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.60%
43) trans-1,3-Dichloropropene-	8.20	79	55509	5.41	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	108.20%
46) 2-Hexanone-d5	8.66	63	277289	54.72	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.44%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	108396	5.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.00%
64) 1,2-Dichlorobenzene-d4	12.21	152	146839	5.25	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	113268	4.451 ug/L	98
3) Chloromethane	1.53	50	93395	3.996 ug/L	98
5) Vinyl chloride	1.62	62	104950	4.191 ug/L	99
6) Bromomethane	1.88	94	51134	4.206 ug/L	98
8) Chloroethane	1.95	64	63784	4.251 ug/L	98
9) Trichlorofluoromethane	2.16	101	160433	4.830 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	94754	4.843 ug/L	98
12) 1,1-Dichloroethene	2.61	96	88261	4.438 ug/L	97
13) Acetone	2.69	43	206821	49.780 ug/L	98
14) Carbon disulfide	2.82	76	260343	3.858 ug/L	99
15) Methyl Acetate	2.99	43	47162	4.634 ug/L	95
16) Methylene chloride	3.08	84	101878	4.527 ug/L	97
17) Methyl tert-butyl Ether	3.40	73	247355	4.744 ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	94404	4.405 ug/L	97
19) 1,1-Dichloroethane	3.91	63	180694	4.711 ug/L	98
21) 2-Butanone	4.76	43	342608	49.027 ug/L	95
22) cis-1,2-Dichloroethene	4.71	96	105822	4.586 ug/L	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	47345	4.559	ug/L	100
25) Chloroform	5.13	83	190251	4.883	ug/L	99
27) 1,2-Dichloroethane	5.83	62	127853	4.661	ug/L	100
29) 1,1,1-Trichloroethane	5.35	97	160508	4.880	ug/L	99
30) Cyclohexane	5.42	56	152334	4.417	ug/L	99
31) Carbon tetrachloride	5.56	117	133585	4.879	ug/L	99
33) Benzene	5.81	78	401073	4.628	ug/L	100
34) Trichloroethene	6.57	95	103426	4.598	ug/L	98
35) Methylcyclohexane	6.79	83	159230	4.572	ug/L	96
37) 1,2-Dichloropropane	6.82	63	103272	4.735	ug/L	100
38) Bromodichloromethane	7.13	83	133240	4.919	ug/L	97
39) cis-1,3-Dichloropropene	7.64	75	156552	4.857	ug/L	98
40) 4-Methyl-2-pentanone	7.82	43	728854	46.730	ug/L	99
42) Toluene	8.00	91	433157	4.765	ug/L	98
44) trans-1,3-Dichloropropene	8.23	75	137171	4.819	ug/L	97
45) 1,1,2-Trichloroethane	8.42	97	80763	4.908	ug/L	99
47) Tetrachloroethene	8.58	164	76492	4.680	ug/L	98
48) 2-Hexanone	8.71	43	559040	47.328	ug/L	99
49) Dibromochloromethane	8.83	129	90033	5.069	ug/L	99
50) 1,2-Dibromoethane	8.95	107	75016	4.761	ug/L	98
51) Chlorobenzene	9.47	112	278257	4.746	ug/L	99
52) Ethylbenzene	9.59	91	478940	4.735	ug/L	98
53) m,p-Xylene	9.71	106	187609	4.823	ug/L	95
54) o-Xylene	10.12	106	180184	4.826	ug/L	96
55) Styrene	10.13	104	312534	4.931	ug/L	100
56) Isopropylbenzene	10.50	105	480556	4.890	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.80	83	99540	4.760	ug/L	98
59) 1,2,3-Trichloropropane	10.84	75	77539	4.763	ug/L	99
61) Bromoform	10.31	173	48844	4.835	ug/L	99
62) 1,3-Dichlorobenzene	11.76	146	227788	4.781	ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	235666	4.877	ug/L	98
65) 1,2-Dichlorobenzene	12.23	146	217593	4.809	ug/L	97
66) 1,2-Dibromo-3-chloropropan	13.02	75	17183	4.691	ug/L	89
67) 1,3,5-Trichlorobenzene	13.25	180	173563	4.882	ug/L	97
68) 1,2,4-trichlorobenzene	13.88	180	156898	4.768	ug/L	99
69) Naphthalene	14.12	128	303128	4.629	ug/L	99
70) 1,2,3-Trichlorobenzene	14.37	180	142818	4.770	ug/L	99

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

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