

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060120\
 Data File : VU038482.D
 Acq On : 01 Jun 2020 19:32
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00528

Quant Time: Jun 02 05:31:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 02 05:25:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	319274	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	317017	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	159898	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	94236	4.56	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.20%
7) Chloroethane-d5	1.93	69	76169	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.00%
11) 1,1-Dichloroethene-d2	2.59	63	196218	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.40%
20) 2-Butanone-d5	4.68	46	334163	53.23	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.46%
24) Chloroform-d	5.10	84	195933	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
26) 1,2-Dichloroethane-d4	5.74	65	112398	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.00%
32) Benzene-d6	5.76	84	385488	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
36) 1,2-Dichloropropane-d6	6.72	67	116401	4.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.60%
41) Toluene-d8	7.92	98	338627	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
43) trans-1,3-Dichloropropene-	8.20	79	48933	4.67	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.40%
46) 2-Hexanone-d5	8.66	63	275301	53.26	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.52%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	104198	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	132735	4.81	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.40	85	116080	4.613	ug/L 97
3) Chloromethane	1.53	50	100100	4.332	ug/L 98
5) Vinyl chloride	1.62	62	112750	4.554	ug/L 97
6) Bromomethane	1.87	94	54396	4.525	ug/L 95
8) Chloroethane	1.95	64	67779	4.569	ug/L 99
9) Trichlorofluoromethane	2.16	101	161044	4.903	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	91825	4.747	ug/L 98
12) 1,1-Dichloroethene	2.60	96	91966	4.677	ug/L 96
13) Acetone	2.69	43	205691	50.070	ug/L 99
14) Carbon disulfide	2.82	76	271420	4.068	ug/L 99
15) Methyl Acetate	2.99	43	50696	5.037	ug/L 99
16) Methylene chloride	3.08	84	105280	4.731	ug/L 99
17) Methyl tert-butyl Ether	3.40	73	256586	4.977	ug/L 98
18) trans-1,2-Dichloroethene	3.39	96	98101	4.629	ug/L 98
19) 1,1-Dichloroethane	3.91	63	185203	4.884	ug/L 98
21) 2-Butanone	4.76	43	351111	50.814	ug/L 97
22) cis-1,2-Dichloroethene	4.71	96	110211	4.830	ug/L 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.01	128	48229	4.697	ug/L	91
25) Chloroform	5.12	83	190887	4.955	ug/L	100
27) 1,2-Dichloroethane	5.83	62	135277	4.988	ug/L	100
29) 1,1,1-Trichloroethane	5.35	97	166667	4.969	ug/L	99
30) Cyclohexane	5.42	56	152345	4.331	ug/L	100
31) Carbon tetrachloride	5.56	117	136923	4.903	ug/L	99
33) Benzene	5.81	78	413137	4.673	ug/L	100
34) Trichloroethene	6.57	95	108448	4.727	ug/L	97
35) Methylcyclohexane	6.79	83	147452	4.151	ug/L	99
37) 1,2-Dichloropropane	6.82	63	111637	5.019	ug/L	100
38) Bromodichloromethane	7.13	83	137080	4.962	ug/L	99
39) cis-1,3-Dichloropropene	7.63	75	154950	4.713	ug/L	99
40) 4-Methyl-2-pentanone	7.82	43	780630	49.069	ug/L	99
42) Toluene	7.99	91	440628	4.752	ug/L	99
44) trans-1,3-Dichloropropene	8.23	75	136203	4.691	ug/L	100
45) 1,1,2-Trichloroethane	8.42	97	83040	4.948	ug/L	95
47) Tetrachloroethene	8.57	164	76383	4.582	ug/L	97
48) 2-Hexanone	8.71	43	595794	49.452	ug/L	100
49) Dibromochloromethane	8.83	129	91680	5.061	ug/L	97
50) 1,2-Dibromoethane	8.94	107	78562	4.889	ug/L	99
51) Chlorobenzene	9.47	112	283858	4.747	ug/L	99
52) Ethylbenzene	9.59	91	482748	4.680	ug/L	100
53) m,p-Xylene	9.71	106	186614	4.704	ug/L	93
54) o-Xylene	10.11	106	183227	4.811	ug/L	99
55) Styrene	10.13	104	314929	4.871	ug/L	99
56) Isopropylbenzene	10.50	105	474994	4.738	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.80	83	104641	4.906	ug/L	99
59) 1,2,3-Trichloropropane	10.84	75	81775	4.925	ug/L	100
61) Bromoform	10.31	173	49663	4.986	ug/L	99
62) 1,3-Dichlorobenzene	11.76	146	223855	4.765	ug/L	97
63) 1,4-Dichlorobenzene	11.85	146	226467	4.754	ug/L	100
65) 1,2-Dichlorobenzene	12.22	146	215137	4.823	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	18162	5.028	ug/L	99
67) 1,3,5-Trichlorobenzene	13.24	180	164913	4.705	ug/L	98
68) 1,2,4-trichlorobenzene	13.86	180	148652	4.582	ug/L	100
69) Naphthalene	14.11	128	301857	4.675	ug/L	99
70) 1,2,3-Trichlorobenzene	14.36	180	138734	4.700	ug/L	99

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

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