

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051920\
 Data File : VU038226.D
 Acq On : 19 May 2020 10:46
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00510

Quant Time: May 20 01:23:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue May 19 12:13:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	358630	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	351669	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	174682	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	163272	4.98	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.60%
7) Chloroethane-d5	1.93	69	132517	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.40%
11) 1,1-Dichloroethene-d2	2.59	63	256223	4.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.40%
20) 2-Butanone-d5	4.67	46	464778	57.43	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.86%
24) Chloroform-d	5.10	84	251001	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
26) 1,2-Dichloroethane-d4	5.74	65	147269	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.20%
32) Benzene-d6	5.76	84	512950	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
36) 1,2-Dichloropropane-d6	6.72	67	170175	5.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.00%
41) Toluene-d8	7.93	98	478526	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.00%
43) trans-1,3-Dichloropropene-	8.20	79	70197	5.15	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.00%
46) 2-Hexanone-d5	8.66	63	340061	52.86	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.72%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	139571	5.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.00%
64) 1,2-Dichlorobenzene-d4	12.21	152	169005	4.97	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	146446	4.465	ug/L 100
3) Chloromethane	1.53	50	171565	4.340	ug/L 96
5) Vinyl chloride	1.62	62	179152	4.625	ug/L 99
6) Bromomethane	1.87	94	91401	4.145	ug/L 100
8) Chloroethane	1.95	64	109945	4.615	ug/L 99
9) Trichlorofluoromethane	2.16	101	191682	4.840	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	122185	4.977	ug/L 99
12) 1,1-Dichloroethene	2.61	96	115645	4.647	ug/L 92
13) Acetone	2.67	43	287474	56.613	ug/L 99
14) Carbon disulfide	2.82	76	372877	4.200	ug/L 99
15) Methyl Acetate	2.98	43	69294	4.878	ug/L 98
16) Methylene chloride	3.08	84	134695	4.643	ug/L 98
17) Methyl tert-butyl Ether	3.40	73	322929	4.670	ug/L 99
18) trans-1,2-Dichloroethene	3.39	96	124558	4.584	ug/L 96
19) 1,1-Dichloroethane	3.91	63	248008	4.673	ug/L 99
21) 2-Butanone	4.75	43	485752	54.197	ug/L 99
22) cis-1,2-Dichloroethene	4.71	96	137961	4.712	ug/L 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.01	128	62491	4.959	ug/L	94
25) Chloroform	5.13	83	241480	4.878	ug/L	98
27) 1,2-Dichloroethane	5.83	62	174767	5.002	ug/L	96
29) 1,1,1-Trichloroethane	5.35	97	194707	4.832	ug/L	98
30) Cyclohexane	5.42	56	221041	4.647	ug/L	99
31) Carbon tetrachloride	5.56	117	159597	4.928	ug/L	99
33) Benzene	5.81	78	542510	4.817	ug/L	100
34) Trichloroethene	6.57	95	133832	4.752	ug/L	98
35) Methylcyclohexane	6.79	83	215874	4.731	ug/L	96
37) 1,2-Dichloropropane	6.82	63	146913	4.803	ug/L	99
38) Bromodichloromethane	7.13	83	170816	4.831	ug/L	98
39) cis-1,3-Dichloropropene	7.63	75	214126	4.891	ug/L	97
40) 4-Methyl-2-pentanone	7.82	43	1093037	51.558	ug/L	100
42) Toluene	8.00	91	566521	4.766	ug/L	98
44) trans-1,3-Dichloropropene	8.23	75	186987	5.023	ug/L	99
45) 1,1,2-Trichloroethane	8.42	97	104592	4.924	ug/L	98
47) Tetrachloroethene	8.57	164	95176	4.831	ug/L	98
48) 2-Hexanone	8.71	43	819648	52.792	ug/L	99
49) Dibromochloromethane	8.83	129	111754	5.069	ug/L	100
50) 1,2-Dibromoethane	8.95	107	97160	4.928	ug/L	98
51) Chlorobenzene	9.47	112	357093	4.840	ug/L	100
52) Ethylbenzene	9.59	91	627700	4.874	ug/L	100
53) m,p-Xylene	9.71	106	240379	4.868	ug/L	99
54) o-Xylene	10.12	106	230526	4.829	ug/L	97
55) Styrene	10.13	104	393795	4.914	ug/L	100
56) Isopropylbenzene	10.50	105	607545	4.954	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.80	83	135516	5.025	ug/L	95
59) 1,2,3-Trichloropropane	10.84	75	101673	4.952	ug/L	96
61) Bromoform	10.31	173	58924	4.990	ug/L	97
62) 1,3-Dichlorobenzene	11.76	146	282246	4.966	ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	281091	4.881	ug/L	98
65) 1,2-Dichlorobenzene	12.23	146	269915	4.936	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	22740	5.088	ug/L	94
67) 1,3,5-Trichlorobenzene	13.24	180	201430	4.884	ug/L	100
68) 1,2,4-trichlorobenzene	13.87	180	185665	4.964	ug/L	99
69) Naphthalene	14.12	128	386197	4.904	ug/L	99
70) 1,2,3-Trichlorobenzene	14.37	180	172066	4.949	ug/L	99

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

