

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052620\
 Data File : VU038308.D
 Acq On : 26 May 2020 19:42
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00519

Quant Time: May 27 06:57:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed May 27 06:51:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	311990	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	305230	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	157475	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	126651	4.44	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.80%
7) Chloroethane-d5	1.93	69	109252	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.60%
11) 1,1-Dichloroethene-d2	2.59	63	241211	5.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.20%
20) 2-Butanone-d5	4.66	46	380819	54.09	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.18%
24) Chloroform-d	5.10	84	246793	5.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.00%
26) 1,2-Dichloroethane-d4	5.74	65	134749	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.60%
32) Benzene-d6	5.76	84	502277	5.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.80%
36) 1,2-Dichloropropane-d6	6.72	67	155521	5.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.40%
41) Toluene-d8	7.92	98	456424	5.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.00%
43) trans-1,3-Dichloropropene-	8.20	79	61407	5.19	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.80%
46) 2-Hexanone-d5	8.65	63	292981	52.47	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.94%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	127465	5.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	170352	5.56	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	140088	4.910	ug/L 99
3) Chloromethane	1.54	50	123057	3.579	ug/L 97
5) Vinyl chloride	1.62	62	137318	4.075	ug/L 89
6) Bromomethane	1.87	94	40705	2.122	ug/L 99
8) Chloroethane	1.95	64	83361	4.022	ug/L 96
9) Trichlorofluoromethane	2.16	101	179889	5.222	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	103547	4.848	ug/L 97
12) 1,1-Dichloroethene	2.60	96	105692	4.882	ug/L 99
13) Acetone	2.65	43	199961	45.266	ug/L 98
14) Carbon disulfide	2.82	76	366188	4.741	ug/L 100
15) Methyl Acetate	2.98	43	54698	4.426	ug/L 96
16) Methylene chloride	3.08	84	119951	4.753	ug/L 98
17) Methyl tert-butyl Ether	3.40	73	288121	4.789	ug/L 99
18) trans-1,2-Dichloroethene	3.39	96	114619	4.849	ug/L 98
19) 1,1-Dichloroethane	3.91	63	215198	4.661	ug/L 99
21) 2-Butanone	4.74	43	360043	46.176	ug/L 100
22) cis-1,2-Dichloroethene	4.71	96	125551	4.929	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	54273	4.951	ug/L	92
25) Chloroform	5.13	83	214408	4.979	ug/L	98
27) 1,2-Dichloroethane	5.83	62	145824	4.797	ug/L	98
29) 1,1,1-Trichloroethane	5.35	97	184968	5.289	ug/L	98
30) Cyclohexane	5.42	56	196096	4.749	ug/L	99
31) Carbon tetrachloride	5.56	117	153892	5.475	ug/L	97
33) Benzene	5.81	78	483781	4.949	ug/L	100
34) Trichloroethene	6.57	95	120390	4.925	ug/L	96
35) Methylcyclohexane	6.79	83	185758	4.691	ug/L	98
37) 1,2-Dichloropropane	6.82	63	123432	4.649	ug/L	98
38) Bromodichloromethane	7.13	83	153869	5.013	ug/L	99
39) cis-1,3-Dichloropropene	7.63	75	183582	4.831	ug/L	97
40) 4-Methyl-2-pentanone	7.82	43	838068	45.545	ug/L	99
42) Toluene	7.99	91	513534	4.977	ug/L	98
44) trans-1,3-Dichloropropene	8.23	75	151177	4.679	ug/L	100
45) 1,1,2-Trichloroethane	8.42	97	88787	4.816	ug/L	98
47) Tetrachloroethene	8.57	164	88484	5.175	ug/L	98
48) 2-Hexanone	8.70	43	622948	46.227	ug/L	98
49) Dibromochloromethane	8.83	129	96799	5.059	ug/L	99
50) 1,2-Dibromoethane	8.94	107	85787	5.014	ug/L	99
51) Chlorobenzene	9.47	112	359273	5.611	ug/L	99
52) Ethylbenzene	9.59	91	569883	5.099	ug/L	99
53) m,p-Xylene	9.71	106	221174	5.161	ug/L	99
54) o-Xylene	10.12	106	214391	5.174	ug/L	100
55) Styrene	10.13	104	360500	5.182	ug/L	100
56) Isopropylbenzene	10.50	105	558396	5.246	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.80	83	113602	4.853	ug/L	98
59) 1,2,3-Trichloropropane	10.84	75	86035	4.828	ug/L	99
61) Bromoform	10.31	173	52548	4.937	ug/L	98
62) 1,3-Dichlorobenzene	11.76	146	249949	4.878	ug/L	98
63) 1,4-Dichlorobenzene	11.85	146	251677	4.848	ug/L	98
65) 1,2-Dichlorobenzene	12.22	146	242640	4.922	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.01	75	17522	4.349	ug/L #	82
67) 1,3,5-Trichlorobenzene	13.24	180	182189	4.900	ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	164177	4.869	ug/L	98
69) Naphthalene	14.11	128	336425	4.739	ug/L	99
70) 1,2,3-Trichlorobenzene	14.36	180	154396	4.926	ug/L	99

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

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