

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070620\
 Data File : VU039285.D
 Acq On : 06 Jul 2020 12:09
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00527

Quant Time: Jul 07 01:05:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jul 06 12:02:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	131560	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	123975	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	60235	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	51825	5.12	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.40%
7) Chloroethane-d5	1.93	69	45396	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.80%
11) 1,1-Dichloroethene-d2	2.58	63	95469	5.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.60%
20) 2-Butanone-d5	4.66	46	199903	52.42	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.84%
24) Chloroform-d	5.09	84	101583	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.80%
26) 1,2-Dichloroethane-d4	5.72	65	60343	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
32) Benzene-d6	5.74	84	198927	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.40%
36) 1,2-Dichloropropane-d6	6.71	67	64383	5.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.60%
41) Toluene-d8	7.91	98	178621	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
43) trans-1,3-Dichloropropene-	8.19	79	30220	5.15	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.00%
46) 2-Hexanone-d5	8.64	63	160835	52.06	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.12%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	61104	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	67093	4.93	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	37017	4.948	ug/L 100
3) Chloromethane	1.53	50	48439	5.081	ug/L 97
5) Vinyl chloride	1.61	62	49688	5.069	ug/L 95
6) Bromomethane	1.87	94	31063	5.169	ug/L 99
8) Chloroethane	1.94	64	36370	5.421	ug/L 91
9) Trichlorofluoromethane	2.15	101	83914	4.895	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	37315	4.991	ug/L 96
12) 1,1-Dichloroethene	2.59	96	36003	4.831	ug/L 93
13) Acetone	2.67	43	93505	51.822	ug/L 100
14) Carbon disulfide	2.81	76	121874	5.129	ug/L 100
15) Methyl Acetate	2.97	43	23376	5.178	ug/L 99
16) Methylene chloride	3.06	84	45426	4.786	ug/L 99
17) Methyl tert-butyl Ether	3.38	73	124161	5.065	ug/L 99
18) trans-1,2-Dichloroethene	3.37	96	40589	5.009	ug/L 98
19) 1,1-Dichloroethane	3.89	63	81475	5.019	ug/L 98
21) 2-Butanone	4.74	43	165480	50.389	ug/L 97
22) cis-1,2-Dichloroethene	4.69	96	46529	5.040	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.00	128	21848	5.252	ug/L	96
25) Chloroform	5.11	83	83896	4.962	ug/L	98
27) 1,2-Dichloroethane	5.81	62	60118	4.934	ug/L	97
29) 1,1,1-Trichloroethane	5.34	97	72940	5.123	ug/L	98
30) Cyclohexane	5.41	56	70971	4.976	ug/L	99
31) Carbon tetrachloride	5.54	117	60319	5.038	ug/L	98
33) Benzene	5.79	78	178527	5.109	ug/L	100
34) Trichloroethene	6.56	95	46108	5.118	ug/L	97
35) Methylcyclohexane	6.78	83	71594	4.963	ug/L	99
37) 1,2-Dichloropropane	6.81	63	49010	5.028	ug/L	99
38) Bromodichloromethane	7.12	83	64053	5.040	ug/L	97
39) cis-1,3-Dichloropropene	7.62	75	75825	5.004	ug/L	95
40) 4-Methyl-2-pentanone	7.80	43	414608	50.257	ug/L	100
42) Toluene	7.98	91	188802	4.964	ug/L	98
44) trans-1,3-Dichloropropene	8.22	75	69119	5.065	ug/L	98
45) 1,1,2-Trichloroethane	8.41	97	36926	5.093	ug/L	98
47) Tetrachloroethene	8.56	164	32052	5.062	ug/L	95
48) 2-Hexanone	8.69	43	308750	50.324	ug/L	98
49) Dibromochloromethane	8.82	129	45747	5.025	ug/L	99
50) 1,2-Dibromoethane	8.93	107	36367	4.989	ug/L	98
51) Chlorobenzene	9.45	112	119989	5.102	ug/L	97
52) Ethylbenzene	9.57	91	209153	4.941	ug/L	97
53) m,p-Xylene	9.70	106	78663	4.926	ug/L	100
54) o-Xylene	10.10	106	78068	4.932	ug/L	99
55) Styrene	10.11	104	132116	4.774	ug/L	97
56) Isopropylbenzene	10.48	105	203494	4.747	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.78	83	49331	4.817	ug/L	96
59) 1,2,3-Trichloropropane	10.83	75	36370	4.965	ug/L	94
61) Bromoform	10.29	173	26714	4.974	ug/L	96
62) 1,3-Dichlorobenzene	11.74	146	93850	4.958	ug/L	97
63) 1,4-Dichlorobenzene	11.83	146	94873	5.103	ug/L	97
65) 1,2-Dichlorobenzene	12.21	146	91208	4.919	ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.99	75	8882	4.802	ug/L #	75
67) 1,3,5-Trichlorobenzene	13.21	180	71223	5.121	ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	65842	5.475	ug/L	98
69) Naphthalene	14.08	128	130940	5.679	ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	59668	5.441	ug/L	98

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

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