

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090820\
 Data File : VU040056.D
 Acq On : 08 Sep 2020 18:13
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00525

Quant Time: Sep 09 01:38:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Sep 09 01:36:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	114991	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	115301	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	58345	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	26009	4.14	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.80%
7) Chloroethane-d5	1.92	69	23364	4.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.40%
11) 1,1-Dichloroethene-d2	2.58	63	71946	4.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.40%
20) 2-Butanone-d5	4.65	46	135893	54.11	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.22%
24) Chloroform-d	5.08	84	74301	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
26) 1,2-Dichloroethane-d4	5.72	65	44570	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
32) Benzene-d6	5.74	84	130564	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
36) 1,2-Dichloropropane-d6	6.70	67	42752	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.40%
41) Toluene-d8	7.90	98	115651	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
43) trans-1,3-Dichloropropene-	8.19	79	19269	4.73	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.60%
46) 2-Hexanone-d5	8.64	63	101864	52.76	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.52%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	40904	5.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	45896	4.86	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	54620	4.786	ug/L 99
3) Chloromethane	1.53	50	51025	4.670	ug/L 98
5) Vinyl chloride	1.61	62	51479	4.648	ug/L 98
6) Bromomethane	1.86	94	29992	5.297	ug/L 98
8) Chloroethane	1.94	64	30118	4.524	ug/L 97
9) Trichlorofluoromethane	2.15	101	79549	5.014	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	49333	4.797	ug/L 100
12) 1,1-Dichloroethene	2.59	96	43676	4.908	ug/L 94
13) Acetone	2.65	43	106921	45.994	ug/L 96
14) Carbon disulfide	2.81	76	128498	4.503	ug/L 100
15) Methyl Acetate	2.97	43	27082	4.642	ug/L 97
16) Methylene chloride	3.06	84	51987	4.461	ug/L 92
17) Methyl tert-butyl Ether	3.38	73	124198	4.631	ug/L 99
18) trans-1,2-Dichloroethene	3.37	96	45420	4.745	ug/L 95
19) 1,1-Dichloroethane	3.89	63	94517	4.797	ug/L 99
21) 2-Butanone	4.73	43	183040	48.228	ug/L 100
22) cis-1,2-Dichloroethene	4.69	96	50178	4.875	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.99	128	22818	5.059	ug/L	97
25) Chloroform	5.11	83	98946	4.903	ug/L	96
27) 1,2-Dichloroethane	5.81	62	69541	4.704	ug/L	100
29) 1,1,1-Trichloroethane	5.33	97	84710	4.679	ug/L	98
30) Cyclohexane	5.41	56	78145	4.451	ug/L	99
31) Carbon tetrachloride	5.54	117	71342	4.605	ug/L	98
33) Benzene	5.79	78	196446	4.763	ug/L	100
34) Trichloroethene	6.55	95	54177	4.897	ug/L	97
35) Methylcyclohexane	6.77	83	76435	4.511	ug/L	97
37) 1,2-Dichloropropane	6.80	63	54888	4.914	ug/L	98
38) Bromodichloromethane	7.11	83	71343	4.679	ug/L	98
39) cis-1,3-Dichloropropene	7.61	75	75907	4.608	ug/L	99
40) 4-Methyl-2-pentanone	7.80	43	435255	47.496	ug/L	99
42) Toluene	7.98	91	208441	4.907	ug/L	100
44) trans-1,3-Dichloropropene	8.21	75	70768	4.637	ug/L	97
45) 1,1,2-Trichloroethane	8.40	97	40822	5.017	ug/L	97
47) Tetrachloroethene	8.56	164	34835	4.793	ug/L	97
48) 2-Hexanone	8.69	43	317019	47.426	ug/L	99
49) Dibromochloromethane	8.82	129	46259	4.737	ug/L	97
50) 1,2-Dibromoethane	8.93	107	37446	4.773	ug/L	96
51) Chlorobenzene	9.45	112	131813	4.998	ug/L	95
52) Ethylbenzene	9.57	91	235455	4.878	ug/L	99
53) m,p-Xylene	9.69	106	85076	4.951	ug/L	96
54) o-Xylene	10.10	106	81586	4.982	ug/L	98
55) Styrene	10.11	104	147261	5.171	ug/L	97
56) Isopropylbenzene	10.48	105	226572	5.073	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.78	83	50864	4.875	ug/L	98
59) 1,2,3-Trichloropropane	10.82	75	40533	4.898	ug/L	99
61) Bromoform	10.29	173	24588	4.595	ug/L	98
62) 1,3-Dichlorobenzene	11.74	146	103043	4.832	ug/L	99
63) 1,4-Dichlorobenzene	11.83	146	103763	4.809	ug/L	98
65) 1,2-Dichlorobenzene	12.20	146	98947	4.795	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.99	75	9129	4.137	ug/L	96
67) 1,3,5-Trichlorobenzene	13.21	180	71053	4.739	ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	59222	4.585	ug/L	97
69) Naphthalene	14.08	128	107871	4.007	ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	53530	4.512	ug/L	99

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

