

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090220\
 Data File : VU040026.D
 Acq On : 02 Sep 2020 16:01
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00519

Quant Time: Sep 03 01:22:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Sep 03 01:16:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	112906	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	114276	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	59777	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	27091	4.40	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.00%
7) Chloroethane-d5	1.92	69	24775	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.40%
11) 1,1-Dichloroethene-d2	2.58	63	77019	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.40%
20) 2-Butanone-d5	4.66	46	131735	53.43	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.86%
24) Chloroform-d	5.08	84	72895	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
26) 1,2-Dichloroethane-d4	5.72	65	42161	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
32) Benzene-d6	5.74	84	129027	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
36) 1,2-Dichloropropane-d6	6.70	67	44032	5.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.20%
41) Toluene-d8	7.91	98	115954	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
43) trans-1,3-Dichloropropene-	8.19	79	18826	4.66	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.20%
46) 2-Hexanone-d5	8.64	63	98872	51.67	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.34%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	39413	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	45040	4.66	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	55280	4.933	ug/L 100
3) Chloromethane	1.53	50	55806	5.202	ug/L 100
5) Vinyl chloride	1.61	62	55566	5.109	ug/L 95
6) Bromomethane	1.87	94	31662	5.696	ug/L 96
8) Chloroethane	1.94	64	32552	4.980	ug/L 97
9) Trichlorofluoromethane	2.15	101	80475	5.166	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	51627	5.112	ug/L 99
12) 1,1-Dichloroethene	2.59	96	45344	5.190	ug/L 92
13) Acetone	2.66	43	124196	54.411	ug/L 98
14) Carbon disulfide	2.81	76	138427	4.941	ug/L 100
15) Methyl Acetate	2.97	43	30827	5.381	ug/L 94
16) Methylene chloride	3.06	84	55631	4.862	ug/L 97
17) Methyl tert-butyl Ether	3.38	73	132693	5.039	ug/L 99
18) trans-1,2-Dichloroethene	3.37	96	47308	5.033	ug/L 97
19) 1,1-Dichloroethane	3.89	63	100228	5.180	ug/L 99
21) 2-Butanone	4.74	43	200824	53.891	ug/L 99
22) cis-1,2-Dichloroethene	4.69	96	53648	5.308	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.00	128	23130	5.223	ug/L	94
25) Chloroform	5.11	83	102628	5.180	ug/L	99
27) 1,2-Dichloroethane	5.81	62	74136	5.107	ug/L	99
29) 1,1,1-Trichloroethane	5.33	97	87246	4.863	ug/L	98
30) Cyclohexane	5.40	56	84224	4.841	ug/L	97
31) Carbon tetrachloride	5.54	117	74054	4.823	ug/L	100
33) Benzene	5.79	78	204989	5.014	ug/L	100
34) Trichloroethene	6.55	95	54085	4.932	ug/L	97
35) Methylcyclohexane	6.77	83	80310	4.783	ug/L	98
37) 1,2-Dichloropropane	6.80	63	56650	5.118	ug/L	100
38) Bromodichloromethane	7.11	83	74624	4.938	ug/L	99
39) cis-1,3-Dichloropropene	7.62	75	80482	4.930	ug/L	99
40) 4-Methyl-2-pentanone	7.80	43	478654	52.700	ug/L	100
42) Toluene	7.98	91	215410	5.116	ug/L	100
44) trans-1,3-Dichloropropene	8.22	75	74819	4.946	ug/L	96
45) 1,1,2-Trichloroethane	8.41	97	41532	5.150	ug/L	97
47) Tetrachloroethene	8.56	164	35253	4.894	ug/L	96
48) 2-Hexanone	8.69	43	353383	53.340	ug/L	100
49) Dibromochloromethane	8.81	129	49722	5.137	ug/L	99
50) 1,2-Dibromoethane	8.93	107	38624	4.968	ug/L	92
51) Chlorobenzene	9.45	112	135672	5.190	ug/L	98
52) Ethylbenzene	9.57	91	241120	5.041	ug/L	99
53) m,p-Xylene	9.69	106	88318	5.186	ug/L	100
54) o-Xylene	10.10	106	88029	5.424	ug/L	96
55) Styrene	10.11	104	153421	5.436	ug/L	98
56) Isopropylbenzene	10.48	105	236951	5.353	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.78	83	53778	5.201	ug/L	100
59) 1,2,3-Trichloropropane	10.82	75	42308	5.159	ug/L	98
61) Bromoform	10.29	173	25155	4.588	ug/L	94
62) 1,3-Dichlorobenzene	11.74	146	107758	4.932	ug/L	99
63) 1,4-Dichlorobenzene	11.83	146	107738	4.873	ug/L	99
65) 1,2-Dichlorobenzene	12.21	146	103114	4.878	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.99	75	10289	4.551	ug/L	92
67) 1,3,5-Trichlorobenzene	13.21	180	73017	4.753	ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	61598	4.655	ug/L	100
69) Naphthalene	14.08	128	122006	4.423	ug/L	100
70) 1,2,3-Trichlorobenzene	14.32	180	56997	4.689	ug/L	97

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

