

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100120\
 Data File : VU040429.D
 Acq On : 01 Oct 2020 18:37
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00529

Quant Time: Oct 02 03:23:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 02 03:13:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	151627	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	149198	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	77564	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	38029	5.07	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.40%
7) Chloroethane-d5	1.92	69	30166	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.80%
11) 1,1-Dichloroethene-d2	2.58	63	92002	5.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.00%
20) 2-Butanone-d5	4.65	46	140168	37.59	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	75.18%
24) Chloroform-d	5.08	84	81108	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
26) 1,2-Dichloroethane-d4	5.72	65	47112	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.60%
32) Benzene-d6	5.74	84	150109	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
36) 1,2-Dichloropropane-d6	6.70	67	50782	4.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.60%
41) Toluene-d8	7.90	98	141968	5.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.00%
43) trans-1,3-Dichloropropene-	8.18	79	21298	4.76	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.20%
46) 2-Hexanone-d5	8.64	63	101214	38.43	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.86%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	44192	4.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	51270	4.36	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	75217	4.947 ug/L	100
3) Chloromethane	1.52	50	71541	4.797 ug/L	100
5) Vinyl chloride	1.61	62	73544	5.018 ug/L	98
6) Bromomethane	1.86	94	36047	5.057 ug/L	97
8) Chloroethane	1.94	64	45090	5.191 ug/L	97
9) Trichlorofluoromethane	2.14	101	102645	5.077 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	65470	5.071 ug/L	99
12) 1,1-Dichloroethene	2.59	96	58451	5.062 ug/L	96
13) Acetone	2.66	43	151596	48.789 ug/L	100
14) Carbon disulfide	2.80	76	176876	4.846 ug/L	99
15) Methyl Acetate	2.96	43	34907	4.665 ug/L	100
16) Methylene chloride	3.06	84	69213	4.772 ug/L	94
17) Methyl tert-butyl Ether	3.38	73	155995	4.903 ug/L	98
18) trans-1,2-Dichloroethene	3.37	96	59973	5.023 ug/L	98
19) 1,1-Dichloroethane	3.89	63	126498	5.162 ug/L	98
21) 2-Butanone	4.73	43	254149	50.958 ug/L	98
22) cis-1,2-Dichloroethene	4.68	96	65807	4.982 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.99	128	31331	5.181	ug/L	97
25) Chloroform	5.10	83	128568	5.143	ug/L	96
27) 1,2-Dichloroethane	5.81	62	90417	5.224	ug/L	98
29) 1,1,1-Trichloroethane	5.33	97	107463	5.273	ug/L	99
30) Cyclohexane	5.40	56	107023	5.076	ug/L	99
31) Carbon tetrachloride	5.54	117	91916	5.260	ug/L	99
33) Benzene	5.79	78	266199	5.322	ug/L	100
34) Trichloroethene	6.55	95	68000	5.121	ug/L	96
35) Methylcyclohexane	6.77	83	103262	5.302	ug/L	98
37) 1,2-Dichloropropane	6.80	63	73504	5.276	ug/L	100
38) Bromodichloromethane	7.11	83	90403	5.256	ug/L	99
39) cis-1,3-Dichloropropene	7.61	75	98102	5.251	ug/L	95
40) 4-Methyl-2-pentanone	7.80	43	574375	52.651	ug/L	100
42) Toluene	7.97	91	278762	5.435	ug/L	99
44) trans-1,3-Dichloropropene	8.21	75	90963	5.281	ug/L	99
45) 1,1,2-Trichloroethane	8.40	97	52159	5.341	ug/L	96
47) Tetrachloroethene	8.56	164	49542	5.254	ug/L	98
48) 2-Hexanone	8.69	43	424374	52.792	ug/L	99
49) Dibromochloromethane	8.81	129	60973	5.368	ug/L	95
50) 1,2-Dibromoethane	8.92	107	49142	5.246	ug/L	95
51) Chlorobenzene	9.45	112	174456	5.261	ug/L	99
52) Ethylbenzene	9.57	91	300471	5.398	ug/L	99
53) m,p-Xylene	9.69	106	111831	5.393	ug/L	99
54) o-Xylene	10.10	106	106470	5.458	ug/L	96
55) Styrene	10.11	104	189372	5.566	ug/L	98
56) Isopropylbenzene	10.48	105	285014	5.414	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.78	83	65819	4.973	ug/L	99
59) 1,2,3-Trichloropropane	10.82	75	50424	4.994	ug/L	100
61) Bromoform	10.29	173	33362	5.205	ug/L	97
62) 1,3-Dichlorobenzene	11.74	146	138902	5.409	ug/L	98
63) 1,4-Dichlorobenzene	11.83	146	141469	5.296	ug/L	99
65) 1,2-Dichlorobenzene	12.21	146	131414	5.264	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.99	75	11054	4.913	ug/L	95
67) 1,3,5-Trichlorobenzene	13.21	180	94706	5.166	ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	76431	5.189	ug/L	99
69) Naphthalene	14.08	128	126295	5.017	ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	71465	5.302	ug/L	98

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

