

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101520\
 Data File : VU040710.D
 Acq On : 15 Oct 2020 10:33
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00511

Quant Time: Oct 16 04:26:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 15 05:23:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	125801	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	125918	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	66530	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	47954	4.60	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.00%
7) Chloroethane-d5	1.92	69	40957	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.00%
11) 1,1-Dichloroethene-d2	2.58	63	101322	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.40%
20) 2-Butanone-d5	4.66	46	174625	52.35	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.70%
24) Chloroform-d	5.08	84	95954	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.00%
26) 1,2-Dichloroethane-d4	5.72	65	57560	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
32) Benzene-d6	5.74	84	176647	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.00%
36) 1,2-Dichloropropane-d6	6.70	67	58393	5.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.60%
41) Toluene-d8	7.90	98	160796	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.80%
43) trans-1,3-Dichloropropene-	8.18	79	24662	5.16	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.20%
46) 2-Hexanone-d5	8.64	63	127567	51.83	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.66%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	51362	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	60381	4.89	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	57275	5.025 ug/L	99
3) Chloromethane	1.53	50	49482	4.642 ug/L	96
5) Vinyl chloride	1.61	62	53503	4.766 ug/L	98
6) Bromomethane	1.87	94	27605	4.529 ug/L	93
8) Chloroethane	1.94	64	34664	4.850 ug/L	97
9) Trichlorofluoromethane	2.15	101	81940	5.083 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	53899	5.151 ug/L	98
12) 1,1-Dichloroethene	2.59	96	45468	5.065 ug/L	89
13) Acetone	2.67	43	133780	51.739 ug/L	98
14) Carbon disulfide	2.81	76	108468	4.317 ug/L	99
15) Methyl Acetate	2.97	43	28695	4.860 ug/L	97
16) Methylene chloride	3.06	84	56001	4.859 ug/L	95
17) Methyl tert-butyl Ether	3.38	73	125470	4.943 ug/L	100
18) trans-1,2-Dichloroethene	3.37	96	44711	4.758 ug/L	94
19) 1,1-Dichloroethane	3.89	63	99799	5.136 ug/L	98
21) 2-Butanone	4.74	43	205737	51.036 ug/L	96
22) cis-1,2-Dichloroethene	4.68	96	51701	5.102 ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.99	128	25889	5.143	ug/L	96
25) Chloroform	5.10	83	108042	5.446	ug/L	99
27) 1,2-Dichloroethane	5.81	62	71609	5.099	ug/L	98
29) 1,1,1-Trichloroethane	5.33	97	87720	5.184	ug/L	98
30) Cyclohexane	5.40	56	73365	4.705	ug/L	99
31) Carbon tetrachloride	5.54	117	74652	5.155	ug/L	99
33) Benzene	5.79	78	207532	5.130	ug/L	100
34) Trichloroethene	6.55	95	53378	5.090	ug/L	95
35) Methylcyclohexane	6.77	83	69251	4.657	ug/L	99
37) 1,2-Dichloropropane	6.80	63	58417	5.183	ug/L	100
38) Bromodichloromethane	7.11	83	76382	5.301	ug/L	99
39) cis-1,3-Dichloropropene	7.61	75	79240	5.145	ug/L	97
40) 4-Methyl-2-pentanone	7.80	43	459396	51.122	ug/L	100
42) Toluene	7.97	91	216462	5.251	ug/L	99
44) trans-1,3-Dichloropropene	8.21	75	73566	5.189	ug/L	96
45) 1,1,2-Trichloroethane	8.40	97	44003	5.213	ug/L	98
47) Tetrachloroethene	8.56	164	39478	5.277	ug/L	99
48) 2-Hexanone	8.69	43	353309	52.808	ug/L	99
49) Dibromochloromethane	8.81	129	53464	5.504	ug/L	92
50) 1,2-Dibromoethane	8.93	107	40563	5.066	ug/L	99
51) Chlorobenzene	9.45	112	137444	5.062	ug/L	98
52) Ethylbenzene	9.57	91	225202	5.048	ug/L	98
53) m,p-Xylene	9.69	106	86082	5.294	ug/L	99
54) o-Xylene	10.10	106	80316	5.136	ug/L	97
55) Styrene	10.11	104	148069	5.452	ug/L	99
56) Isopropylbenzene	10.48	105	218874	5.199	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.78	83	58663	5.293	ug/L	100
59) 1,2,3-Trichloropropane	10.82	75	42572	5.142	ug/L	97
61) Bromoform	10.29	173	29278	5.134	ug/L	98
62) 1,3-Dichlorobenzene	11.74	146	112458	5.165	ug/L	99
63) 1,4-Dichlorobenzene	11.83	146	113883	5.072	ug/L	98
65) 1,2-Dichlorobenzene	12.20	146	109262	5.133	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.99	75	9143	4.905	ug/L	91
67) 1,3,5-Trichlorobenzene	13.21	180	77366	5.007	ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	60795	5.093	ug/L	97
69) Naphthalene	14.08	128	91753	4.699	ug/L	98
70) 1,2,3-Trichlorobenzene	14.32	180	57377	5.176	ug/L	98

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

