

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101420\
 Data File : VU040708.D
 Acq On : 14 Oct 2020 18:53
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00510

Quant Time: Oct 15 05:33:10 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	120438	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	123778	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	65888	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	48360	4.85	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.00%
7) Chloroethane-d5	1.92	69	41128	5.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.80%
11) 1,1-Dichloroethene-d2	2.58	63	98493	5.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.00%
20) 2-Butanone-d5	4.65	46	181977	56.98	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.96%
24) Chloroform-d	5.08	84	100834	5.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.20%
26) 1,2-Dichloroethane-d4	5.72	65	58987	5.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.60%
32) Benzene-d6	5.74	84	182894	5.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.60%
36) 1,2-Dichloropropane-d6	6.70	67	60396	5.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.00%
41) Toluene-d8	7.91	98	169198	5.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.20%
43) trans-1,3-Dichloropropene-	8.19	79	25294	5.39	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	107.80%
46) 2-Hexanone-d5	8.64	63	134657	55.66	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.32%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	55173	5.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	63702	5.21	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.39	85	55482	5.084	ug/L	98
3) Chloromethane	1.53	50	49269	4.828	ug/L	98
5) Vinyl chloride	1.61	62	52344	4.871	ug/L	98
6) Bromomethane	1.87	94	26708	4.577	ug/L	94
8) Chloroethane	1.94	64	32645	4.771	ug/L	99
9) Trichlorofluoromethane	2.15	101	79463	5.149	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	50735	5.064	ug/L	99
12) 1,1-Dichloroethene	2.59	96	43625	5.077	ug/L	97
13) Acetone	2.66	43	126435	51.076	ug/L	99
14) Carbon disulfide	2.81	76	103376	4.297	ug/L	99
15) Methyl Acetate	2.97	43	28591	5.058	ug/L	99
16) Methylene chloride	3.06	84	58163	5.272	ug/L	97
17) Methyl tert-butyl Ether	3.38	73	123812	5.095	ug/L	100
18) trans-1,2-Dichloroethene	3.37	96	43768	4.866	ug/L	98
19) 1,1-Dichloroethane	3.89	63	98189	5.278	ug/L	99
21) 2-Butanone	4.73	43	204738	53.050	ug/L	98
22) cis-1,2-Dichloroethene	4.69	96	52286	5.390	ug/L	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.99	128	25402	5.271	ug/L	98
25) Chloroform	5.11	83	103996	5.475	ug/L	98
27) 1,2-Dichloroethane	5.81	62	71501	5.319	ug/L	100
29) 1,1,1-Trichloroethane	5.33	97	86374	5.193	ug/L	99
30) Cyclohexane	5.40	56	68817	4.490	ug/L	96
31) Carbon tetrachloride	5.54	117	73169	5.140	ug/L	100
33) Benzene	5.79	78	204123	5.133	ug/L	100
34) Trichloroethene	6.56	95	51698	5.015	ug/L	97
35) Methylcyclohexane	6.77	83	68470	4.684	ug/L	99
37) 1,2-Dichloropropane	6.80	63	58698	5.298	ug/L	100
38) Bromodichloromethane	7.11	83	73683	5.202	ug/L	95
39) cis-1,3-Dichloropropene	7.62	75	75243	4.970	ug/L	95
40) 4-Methyl-2-pentanone	7.80	43	462579	52.367	ug/L	99
42) Toluene	7.98	91	214599	5.296	ug/L	100
44) trans-1,3-Dichloropropene	8.22	75	73500	5.274	ug/L	97
45) 1,1,2-Trichloroethane	8.41	97	43984	5.300	ug/L	98
47) Tetrachloroethene	8.56	164	37621	5.116	ug/L	94
48) 2-Hexanone	8.69	43	352275	53.564	ug/L	100
49) Dibromochloromethane	8.82	129	50359	5.274	ug/L	99
50) 1,2-Dibromoethane	8.93	107	40240	5.112	ug/L	99
51) Chlorobenzene	9.45	112	135511	5.077	ug/L	99
52) Ethylbenzene	9.57	91	222594	5.076	ug/L	98
53) m,p-Xylene	9.69	106	85645	5.358	ug/L	96
54) o-Xylene	10.10	106	82241	5.350	ug/L	99
55) Styrene	10.11	104	149540	5.602	ug/L	98
56) Isopropylbenzene	10.48	105	220347	5.325	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.78	83	56636	5.198	ug/L	97
59) 1,2,3-Trichloropropane	10.82	75	42352	5.204	ug/L	99
61) Bromoform	10.29	173	28960	5.127	ug/L	98
62) 1,3-Dichlorobenzene	11.74	146	113521	5.264	ug/L	96
63) 1,4-Dichlorobenzene	11.83	146	116000	5.217	ug/L	99
65) 1,2-Dichlorobenzene	12.21	146	109755	5.206	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.99	75	9557	5.177	ug/L	92
67) 1,3,5-Trichlorobenzene	13.21	180	77400	5.058	ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	61882	5.234	ug/L	95
69) Naphthalene	14.08	128	91195	4.715	ug/L	100
70) 1,2,3-Trichlorobenzene	14.32	180	56901	5.183	ug/L	98

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

