

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050720\
 Data File : VU038034.D
 Acq On : 07 May 2020 12:34
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00519

Quant Time: May 08 01:45:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 08 01:43:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	367047	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	358534	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	171147	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	160203	4.77	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.40%
7) Chloroethane-d5	1.93	69	133763	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.20%
11) 1,1-Dichloroethene-d2	2.59	63	251955	4.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.80%
20) 2-Butanone-d5	4.66	46	363949	43.94	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.88%
24) Chloroform-d	5.10	84	243790	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
26) 1,2-Dichloroethane-d4	5.74	65	133585	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
32) Benzene-d6	5.76	84	508979	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
36) 1,2-Dichloropropane-d6	6.72	67	163922	4.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.60%
41) Toluene-d8	7.92	98	458179	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
43) trans-1,3-Dichloropropene-	8.20	79	64166	4.62	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.40%
46) 2-Hexanone-d5	8.65	63	296446	45.20	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.40%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	125752	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.00%
64) 1,2-Dichlorobenzene-d4	12.20	152	159462	4.79	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	145975	4.349	ug/L 100
3) Chloromethane	1.53	50	187555	4.636	ug/L 98
5) Vinyl chloride	1.61	62	182808	4.612	ug/L 99
6) Bromomethane	1.87	94	100576	4.456	ug/L 99
8) Chloroethane	1.95	64	108032	4.431	ug/L 98
9) Trichlorofluoromethane	2.15	101	179633	4.432	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	107705	4.286	ug/L 100
12) 1,1-Dichloroethene	2.60	96	114839	4.508	ug/L 95
13) Acetone	2.65	43	203697	39.195	ug/L 98
14) Carbon disulfide	2.82	76	400524	4.408	ug/L 99
15) Methyl Acetate	2.98	43	60260	4.145	ug/L 97
16) Methylene chloride	3.07	84	133195	4.486	ug/L 99
17) Methyl tert-butyl Ether	3.40	73	324304	4.582	ug/L 98
18) trans-1,2-Dichloroethene	3.38	96	126494	4.549	ug/L 98
19) 1,1-Dichloroethane	3.91	63	245157	4.514	ug/L 97
21) 2-Butanone	4.74	43	385855	42.064	ug/L 99
22) cis-1,2-Dichloroethene	4.70	96	139717	4.662	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.01	128	59490	4.613	ug/L	93
25) Chloroform	5.12	83	232135	4.582	ug/L	98
27) 1,2-Dichloroethane	5.83	62	159985	4.474	ug/L	98
29) 1,1,1-Trichloroethane	5.35	97	186238	4.534	ug/L	99
30) Cyclohexane	5.42	56	211631	4.364	ug/L	100
31) Carbon tetrachloride	5.56	117	145510	4.407	ug/L	98
33) Benzene	5.81	78	534930	4.659	ug/L	100
34) Trichloroethene	6.57	95	130081	4.530	ug/L	99
35) Methylcyclohexane	6.79	83	206128	4.431	ug/L	97
37) 1,2-Dichloropropane	6.82	63	141243	4.529	ug/L	99
38) Bromodichloromethane	7.13	83	163101	4.524	ug/L	100
39) cis-1,3-Dichloropropene	7.63	75	208472	4.671	ug/L	98
40) 4-Methyl-2-pentanone	7.82	43	962840	44.547	ug/L	100
42) Toluene	7.99	91	549302	4.532	ug/L	99
44) trans-1,3-Dichloropropene	8.23	75	174690	4.603	ug/L	100
45) 1,1,2-Trichloroethane	8.42	97	97836	4.518	ug/L	97
47) Tetrachloroethene	8.57	164	87965	4.379	ug/L	98
48) 2-Hexanone	8.71	43	710581	44.891	ug/L	100
49) Dibromochloromethane	8.83	129	104341	4.643	ug/L	97
50) 1,2-Dibromoethane	8.94	107	91703	4.563	ug/L	100
51) Chlorobenzene	9.47	112	344219	4.576	ug/L	100
52) Ethylbenzene	9.59	91	587408	4.474	ug/L	100
53) m,p-Xylene	9.71	106	227655	4.522	ug/L	96
54) o-Xylene	10.12	106	224008	4.602	ug/L	97
55) Styrene	10.13	104	381032	4.663	ug/L	99
56) Isopropylbenzene	10.50	105	565214	4.521	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.80	83	123077	4.476	ug/L	96
59) 1,2,3-Trichloropropane	10.84	75	94647	4.522	ug/L	99
61) Bromoform	10.31	173	53493	4.624	ug/L	100
62) 1,3-Dichlorobenzene	11.76	146	262044	4.706	ug/L	98
63) 1,4-Dichlorobenzene	11.85	146	260963	4.625	ug/L	98
65) 1,2-Dichlorobenzene	12.22	146	249474	4.657	ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.01	75	19840	4.531	ug/L	97
67) 1,3,5-Trichlorobenzene	13.24	180	190829	4.723	ug/L	98
68) 1,2,4-trichlorobenzene	13.87	180	173959	4.747	ug/L	98
69) Naphthalene	14.11	128	378768	4.909	ug/L	100
70) 1,2,3-Trichlorobenzene	14.36	180	164106	4.817	ug/L	100

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

