

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060620\
 Data File : VU038657.D
 Acq On : 07 Jun 2020 07:53
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00516

Quant Time: Jun 08 03:05:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 08 02:53:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	291896	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	274821	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	135733	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	86430	4.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.60%
7) Chloroethane-d5	1.93	69	76948	5.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.00%
11) 1,1-Dichloroethene-d2	2.59	63	169713	4.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.20%
20) 2-Butanone-d5	4.68	46	368375	64.19	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	128.38%
24) Chloroform-d	5.10	84	197532	5.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.40%
26) 1,2-Dichloroethane-d4	5.74	65	115828	5.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.00%
32) Benzene-d6	5.76	84	372130	5.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.40%
36) 1,2-Dichloropropane-d6	6.72	67	121774	5.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	115.40%
41) Toluene-d8	7.92	98	311173	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
43) trans-1,3-Dichloropropene-	8.20	79	48533	5.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	107.00%
46) 2-Hexanone-d5	8.65	63	308422	68.83	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	137.66%#
57) 1,1,2,2-Tetrachloroethane-	10.77	84	108923	6.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	121.60%#
64) 1,2-Dichlorobenzene-d4	12.20	152	124830	5.33	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	86225	3.748	ug/L 99
3) Chloromethane	1.53	50	91764	4.343	ug/L 99
5) Vinyl chloride	1.62	62	97576	4.311	ug/L 97
6) Bromomethane	1.88	94	48094	4.376	ug/L 99
8) Chloroethane	1.95	64	62385	4.600	ug/L 96
9) Trichlorofluoromethane	2.16	101	127687	4.252	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	72238	4.085	ug/L 98
12) 1,1-Dichloroethene	2.61	96	76553	4.259	ug/L 96
13) Acetone	2.68	43	213812	56.929	ug/L 99
14) Carbon disulfide	2.82	76	214134	3.511	ug/L 98
15) Methyl Acetate	2.99	43	51516	5.599	ug/L 97
16) Methylene chloride	3.08	84	103882	5.107	ug/L 99
17) Methyl tert-butyl Ether	3.40	73	269279	5.713	ug/L 100
18) trans-1,2-Dichloroethene	3.39	96	88156	4.550	ug/L 98
19) 1,1-Dichloroethane	3.91	63	182549	5.265	ug/L 98
21) 2-Butanone	4.75	43	363925	57.609	ug/L 96
22) cis-1,2-Dichloroethene	4.71	96	105652	5.065	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	48839	5.202	ug/L	98
25) Chloroform	5.12	83	186448	5.294	ug/L	98
27) 1,2-Dichloroethane	5.83	62	132227	5.333	ug/L	98
29) 1,1,1-Trichloroethane	5.35	97	147070	5.057	ug/L	98
30) Cyclohexane	5.42	56	114482	3.754	ug/L	97
31) Carbon tetrachloride	5.56	117	112717	4.656	ug/L	100
33) Benzene	5.81	78	383798	5.008	ug/L	100
34) Trichloroethene	6.57	95	91611	4.606	ug/L	96
35) Methylcyclohexane	6.79	83	105908	3.439	ug/L	97
37) 1,2-Dichloropropane	6.82	63	104655	5.427	ug/L	100
38) Bromodichloromethane	7.13	83	136144	5.685	ug/L	99
39) cis-1,3-Dichloropropene	7.63	75	147370	5.171	ug/L	99
40) 4-Methyl-2-pentanone	7.82	43	806217	58.458	ug/L	100
42) Toluene	7.99	91	385839	4.800	ug/L	97
44) trans-1,3-Dichloropropene	8.23	75	128221	5.094	ug/L	97
45) 1,1,2-Trichloroethane	8.42	97	83728	5.755	ug/L	97
47) Tetrachloroethene	8.57	164	61339	4.245	ug/L	97
48) 2-Hexanone	8.71	43	609568	58.363	ug/L	99
49) Dibromochloromethane	8.83	129	91399	5.820	ug/L	99
50) 1,2-Dibromoethane	8.94	107	76798	5.513	ug/L	97
51) Chlorobenzene	9.47	112	250023	4.823	ug/L	100
52) Ethylbenzene	9.59	91	400541	4.479	ug/L	100
53) m,p-Xylene	9.71	106	154495	4.492	ug/L	98
54) o-Xylene	10.12	106	156043	4.726	ug/L	98
55) Styrene	10.13	104	271652	4.847	ug/L	97
56) Isopropylbenzene	10.50	105	380916	4.383	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.80	83	106040	5.735	ug/L	99
59) 1,2,3-Trichloropropane	10.84	75	81336	5.651	ug/L	98
61) Bromoform	10.31	173	50384	5.959	ug/L	100
62) 1,3-Dichlorobenzene	11.76	146	191695	4.807	ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	194629	4.813	ug/L	99
65) 1,2-Dichlorobenzene	12.22	146	193541	5.111	ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.01	75	18615	6.071	ug/L	96
67) 1,3,5-Trichlorobenzene	13.24	180	138551	4.657	ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	130323	4.732	ug/L	99
69) Naphthalene	14.11	128	291753	5.323	ug/L	99
70) 1,2,3-Trichlorobenzene	14.36	180	127687	5.096	ug/L	97

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

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