

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051820\
 Data File : VU038224.D
 Acq On : 18 May 2020 16:56
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00533

Quant Time: May 18 22:26:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon May 18 22:23:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	336918	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	326998	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	159646	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	127064	4.12	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.40%
7) Chloroethane-d5	1.93	69	116927	4.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.80%
11) 1,1-Dichloroethene-d2	2.59	63	205598	3.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.80%
20) 2-Butanone-d5	4.68	46	464402	61.08	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.16%
24) Chloroform-d	5.10	84	230783	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
26) 1,2-Dichloroethane-d4	5.74	65	135141	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
32) Benzene-d6	5.76	84	451291	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
36) 1,2-Dichloropropane-d6	6.72	67	154688	4.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.80%
41) Toluene-d8	7.92	98	384262	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
43) trans-1,3-Dichloropropene-	8.20	79	61384	4.85	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.00%
46) 2-Hexanone-d5	8.66	63	331655	55.44	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.88%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	134609	5.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	149942	4.83	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.40	85	128288	4.163	ug/L 97
3) Chloromethane	1.53	50	164193	4.422	ug/L 100
5) Vinyl chloride	1.62	62	167488	4.603	ug/L 100
6) Bromomethane	1.87	94	85628	4.133	ug/L 96
8) Chloroethane	1.95	64	101412	4.531	ug/L 98
9) Trichlorofluoromethane	2.16	101	165171	4.440	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	97989	4.248	ug/L 99
12) 1,1-Dichloroethene	2.60	96	103354	4.420	ug/L 95
13) Acetone	2.68	43	252028	52.831	ug/L 99
14) Carbon disulfide	2.82	76	331545	3.975	ug/L 98
15) Methyl Acetate	2.99	43	63153	4.732	ug/L 99
16) Methylene chloride	3.08	84	126830	4.654	ug/L 99
17) Methyl tert-butyl Ether	3.40	73	293190	4.513	ug/L 100
18) trans-1,2-Dichloroethene	3.39	96	112803	4.419	ug/L 97
19) 1,1-Dichloroethane	3.91	63	231291	4.639	ug/L 99
21) 2-Butanone	4.76	43	439555	52.203	ug/L 99
22) cis-1,2-Dichloroethene	4.71	96	127147	4.622	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.01	128	55951	4.727	ug/L	96
25) Chloroform	5.12	83	222905	4.793	ug/L	100
27) 1,2-Dichloroethane	5.83	62	156456	4.766	ug/L	99
29) 1,1,1-Trichloroethane	5.35	97	173679	4.636	ug/L	98
30) Cyclohexane	5.42	56	176463	3.989	ug/L	98
31) Carbon tetrachloride	5.56	117	135446	4.498	ug/L	98
33) Benzene	5.81	78	498980	4.765	ug/L	100
34) Trichloroethene	6.57	95	119072	4.546	ug/L	99
35) Methylcyclohexane	6.79	83	168314	3.967	ug/L	97
37) 1,2-Dichloropropane	6.82	63	132406	4.655	ug/L	99
38) Bromodichloromethane	7.13	83	156947	4.773	ug/L	99
39) cis-1,3-Dichloropropene	7.63	75	189818	4.663	ug/L	98
40) 4-Methyl-2-pentanone	7.82	43	982630	49.847	ug/L	100
42) Toluene	7.99	91	502665	4.547	ug/L	98
44) trans-1,3-Dichloropropene	8.23	75	162512	4.695	ug/L	99
45) 1,1,2-Trichloroethane	8.42	97	94605	4.790	ug/L	95
47) Tetrachloroethene	8.57	164	79502	4.340	ug/L	99
48) 2-Hexanone	8.71	43	735131	50.921	ug/L	100
49) Dibromochloromethane	8.83	129	98984	4.829	ug/L	96
50) 1,2-Dibromoethane	8.94	107	88378	4.821	ug/L	98
51) Chlorobenzene	9.47	112	315947	4.606	ug/L	100
52) Ethylbenzene	9.59	91	525965	4.393	ug/L	100
53) m,p-Xylene	9.71	106	203416	4.430	ug/L	97
54) o-Xylene	10.12	106	202500	4.562	ug/L	100
55) Styrene	10.13	104	343742	4.613	ug/L	100
56) Isopropylbenzene	10.50	105	501515	4.398	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.80	83	122025	4.866	ug/L	96
59) 1,2,3-Trichloropropane	10.84	75	92773	4.860	ug/L	99
61) Bromoform	10.31	173	52754	4.889	ug/L	97
62) 1,3-Dichlorobenzene	11.76	146	240776	4.635	ug/L	98
63) 1,4-Dichlorobenzene	11.85	146	239135	4.543	ug/L	98
65) 1,2-Dichlorobenzene	12.22	146	232924	4.661	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	18918	4.632	ug/L	91
67) 1,3,5-Trichlorobenzene	13.24	180	165909	4.402	ug/L	99
68) 1,2,4-trichlorobenzene	13.87	180	157710	4.613	ug/L	98
69) Naphthalene	14.11	128	339154	4.712	ug/L	100
70) 1,2,3-Trichlorobenzene	14.36	180	149676	4.710	ug/L	99

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

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