

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U011720\
 Data File : VU036514.D
 Acq On : 17 Jan 2020 14:12
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05046

Quant Time: Jan 17 14:45:56 2020
 Quant Title :
 QLast Update : Fri Jan 17 14:05:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	532089	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	508150	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	255693	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	153512	44.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.00%
7) Chloroethane-d5	1.93	69	142371	47.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.34%
11) 1,1-Dichloroethene-d2	2.59	63	308832	46.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.24%
21) 2-Butanone-d5	4.67	46	271628	91.58	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.58%
24) Chloroform-d	5.11	84	333462	48.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.10%
26) 1,2-Dichloroethane-d4	5.74	65	221155	48.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.88%
32) Benzene-d6	5.76	84	629926	47.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.80%
36) 1,2-Dichloropropane-d6	6.73	67	206348	47.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.48%
41) Toluene-d8	7.93	98	600821	47.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.60%
43) trans-1,3-Dichloropropene-	8.21	79	109623	47.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.16%
47) 2-Hexanone-d5	8.66	63	217306	98.11	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.11%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	323330	49.73	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.46%
64) 1,2-Dichlorobenzene-d4	12.21	152	241357	47.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.84%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	215781	43.760	ug/L 99
3) Chloromethane	1.54	50	197292	44.433	ug/L 99
5) Vinyl chloride	1.62	62	201449	45.709	ug/L 99
6) Bromomethane	1.87	94	129122	48.179	ug/L 98
8) Chloroethane	1.95	64	119296	45.758	ug/L 98
9) Trichlorofluoromethane	2.16	101	287098	47.828	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	155954	49.139	ug/L 100
12) 1,1-Dichloroethene	2.60	96	152475	48.484	ug/L 93
13) Acetone	2.66	43	249642	77.772	ug/L 99
14) Carbon disulfide	2.82	76	466633	45.877	ug/L 100
15) Methyl Acetate	2.98	43	188792	43.981	ug/L 99
16) Methylene chloride	3.08	84	177921	45.984	ug/L 94
17) trans-1,2-Dichloroethene	3.39	96	163847	47.521	ug/L 93
18) Methyl tert-butyl Ether	3.41	73	552530	47.025	ug/L 100
19) 1,1-Dichloroethane	3.91	63	304980	46.854	ug/L 98
20) cis-1,2-Dichloroethene	4.71	96	187995	47.556	ug/L 98
22) 2-Butanone	4.75	43	309340	84.920	ug/L 99
23) Bromochloromethane	5.02	128	91382	47.851	ug/L 97

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25) Chloroform	5.13	83	330712	47.641	ug/L	99
27) 1,2-Dichloroethane	5.83	62	263353	47.899	ug/L	99
29) Cyclohexane	5.43	56	285290	46.810	ug/L	99
30) 1,1,1-Trichloroethane	5.36	97	294807	48.849	ug/L	98
31) Carbon tetrachloride	5.56	117	252726	48.860	ug/L	97
33) Benzene	5.81	78	702874	48.137	ug/L	100
34) Trichloroethene	6.58	95	194657	49.371	ug/L	98
35) Methylcyclohexane	6.80	83	295905	48.747	ug/L	99
37) 1,2-Dichloropropane	6.83	63	184628	47.709	ug/L	99
38) Bromodichloromethane	7.14	83	248543	46.667	ug/L	96
39) cis-1,3-Dichloropropene	7.64	75	303530	48.449	ug/L	100
40) 4-Methyl-2-pentanone	7.83	43	545612	87.642	ug/L	99
42) Toluene	8.00	91	764706	48.218	ug/L	98
44) trans-1,3-Dichloropropene	8.24	75	275871	47.535	ug/L	97
45) 1,1,2-Trichloroethane	8.43	97	176861	47.813	ug/L	97
46) Tetrachloroethene	8.58	164	134047	50.543	ug/L	92
48) 2-Hexanone	8.72	43	442063	89.782	ug/L	99
49) Dibromochloromethane	8.84	129	206421	50.168	ug/L	96
50) 1,2-Dibromoethane	8.95	107	198903	47.436	ug/L	100
51) Chlorobenzene	9.47	112	493013	49.437	ug/L	99
52) Ethylbenzene	9.59	91	878136	49.574	ug/L	99
53) m,p-Xylene	9.72	106	330522	49.898	ug/L	98
54) o-xylene	10.12	106	320492	48.466	ug/L	99
55) Styrene	10.14	104	540690	50.414	ug/L	99
56) Isopropylbenzene	10.51	105	859275	50.628	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.81	83	302786	47.071	ug/L	97
59) 1,2,3-Trichloropropane	10.85	75	246993	46.284	ug/L	98
61) Bromoform	10.32	173	145679	41.836	ug/L	98
62) 1,3-Dichlorobenzene	11.77	146	379396	47.121	ug/L	99
63) 1,4-Dichlorobenzene	11.86	146	380318	47.010	ug/L	98
65) 1,2-Dichlorobenzene	12.23	146	372274	46.876	ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.02	75	74244	42.511	ug/L	95
67) 1,3,5-Trichlorobenzene	13.24	180	254536	52.279	ug/L	98
68) 1,2,4-trichlorobenzene	13.86	180	204747	57.065	ug/L	98
69) Naphthalene	14.10	128	656469	54.146	ug/L	99
70) 1,2,3-Trichlorobenzene	14.35	180	198120	53.226	ug/L	99

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

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