

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U072019\
 Data File : VU033358.D
 Acq On : 20 Jul 2019 04:22
 Operator : JC/SP
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00518

Quant Time: Jul 20 05:26:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR071619WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jul 20 05:21:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	104088	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	109706	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	53119	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	43832	4.18	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.60%
7) Chloroethane-d5	1.67	69	42036	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.20%
11) 1,1-Dichloroethene-d2	2.26	63	97780	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.40%
20) 2-Butanone-d5	4.16	46	103711	52.50	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.00%
24) Chloroform-d	4.62	84	71464	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
26) 1,2-Dichloroethane-d4	5.29	65	43027	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.00%
32) Benzene-d6	5.32	84	138588	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
36) 1,2-Dichloropropane-d6	6.31	67	46225	4.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.00%
41) Toluene-d8	7.55	98	130391	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
43) trans-1,3-Dichloropropene-	7.83	79	17954	4.61	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.20%
46) 2-Hexanone-d5	8.30	63	88866	55.53	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.06%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	43799	5.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.40%
64) 1,2-Dichlorobenzene-d4	11.85	152	46373	4.48	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	46043	5.210	ug/L 96
3) Chloromethane	1.32	50	51454	4.933	ug/L 97
5) Vinyl chloride	1.40	62	61550	5.493	ug/L 100
6) Bromomethane	1.62	94	22999	3.237	ug/L 98
8) Chloroethane	1.69	64	41839	5.834	ug/L 95
9) Trichlorofluoromethane	1.87	101	88632	5.519	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	48835	5.506	ug/L 95
12) 1,1-Dichloroethene	2.27	96	47021	5.499	ug/L 90
13) Acetone	2.31	43	108067	62.484	ug/L 98
14) Carbon disulfide	2.46	76	149685	5.406	ug/L 99
15) Methyl Acetate	2.60	43	28789	6.665	ug/L 100
16) Methylene chloride	2.68	84	57937	5.557	ug/L 94
17) Methyl tert-butyl Ether	2.98	73	142157	6.347	ug/L 99
18) trans-1,2-Dichloroethene	2.96	96	52215	5.528	ug/L 98
19) 1,1-Dichloroethane	3.42	63	80118	5.645	ug/L 98
21) 2-Butanone	4.25	43	122996	61.878	ug/L 98
22) cis-1,2-Dichloroethene	4.20	96	43049	5.392	ug/L 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.52	128	19262	5.478	uq/L	93
25) Chloroform	4.65	83	89290	5.679	uq/L	98
27) 1,2-Dichloroethane	5.38	62	55473	5.932	uq/L	98
29) 1,1,1-Trichloroethane	4.89	97	67935	5.361	uq/L	98
30) Cyclohexane	4.97	56	55019	4.835	uq/L	98
31) Carbon tetrachloride	5.11	117	58032	5.231	uq/L	100
33) Benzene	5.37	78	167500	5.391	uq/L	100
34) Trichloroethene	6.16	95	42332	5.149	uq/L	98
35) Methylcyclohexane	6.39	83	57210	4.618	uq/L	95
37) 1,2-Dichloropropane	6.41	63	48402	5.761	uq/L	100
38) Bromodichloromethane	6.74	83	58716	5.478	uq/L	97
39) cis-1,3-Dichloropropene	7.25	75	60740	5.068	uq/L	96
40) 4-Methyl-2-pentanone	7.45	43	307099	63.790	uq/L	98
42) Toluene	7.62	91	186447	5.590	uq/L	98
44) trans-1,3-Dichloropropene	7.86	75	51047	5.267	uq/L	99
45) 1,1,2-Trichloroethane	8.05	97	34568	5.754	uq/L	95
47) Tetrachloroethene	8.21	164	31964	4.852	uq/L	96
48) 2-Hexanone	8.35	43	227023	64.473	uq/L	99
49) Dibromochloromethane	8.46	129	39657	5.481	uq/L	95
50) 1,2-Dibromoethane	8.57	107	33116	5.742	uq/L	99
51) Chlorobenzene	9.10	112	116761	5.333	uq/L	98
52) Ethylbenzene	9.23	91	188402	5.291	uq/L	100
53) m,p-Xylene	9.36	106	73111	5.435	uq/L	92
54) o-Xylene	9.76	106	70122	5.468	uq/L	96
55) Styrene	9.77	104	124641	5.577	uq/L	95
56) Isopropylbenzene	10.15	105	181004	5.309	uq/L	99
58) 1,1,2,2-Tetrachloroethane	10.44	83	46479	6.043	uq/L	99
59) 1,2,3-Trichloropropane	10.48	75	33218	6.063	uq/L	97
61) Bromoform	9.94	173	21264	5.821	uq/L	97
62) 1,3-Dichlorobenzene	11.40	146	83467	5.258	uq/L	98
63) 1,4-Dichlorobenzene	11.49	146	86710	5.187	uq/L	98
65) 1,2-Dichlorobenzene	11.86	146	87443	5.549	uq/L	98
66) 1,2-Dibromo-3-chloropropan	12.64	75	7361	6.172	uq/L #	74
67) 1,3,5-Trichlorobenzene	12.87	180	62230	4.988	uq/L	99
68) 1,2,4-trichlorobenzene	13.49	180	48645	4.828	uq/L	99
69) Naphthalene	13.73	128	86339	5.059	uq/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	48634	5.123	uq/L	99

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

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