

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU022019\
 Data File : VU029571.D
 Acq On : 20 Feb 2019 10:00
 Operator : JC/SP
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00544

Quant Time: Feb 21 04:21:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Feb 20 00:07:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	221565	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	216962	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	122639	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	53402	3.59	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.80%
7) Chloroethane-d5	1.68	69	52673	4.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.20%
11) 1,1-Dichloroethene-d2	2.27	63	130730	4.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.80%
20) 2-Butanone-d5	4.19	46	166294	53.73	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.46%
24) Chloroform-d	4.65	84	112677	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	5.31	65	59524	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
32) Benzene-d6	5.34	84	224807	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.20%
36) 1,2-Dichloropropane-d6	6.33	67	71187	4.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.40%
41) Toluene-d8	7.56	98	222782	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.60%
43) trans-1,3-Dichloropropene-	7.85	79	30206	4.39	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.80%
46) 2-Hexanone-d5	8.31	63	165037	52.05	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.10%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	69036	5.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	102767	4.54	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.20	85	92646	4.774	ug/L	99
3) Chloromethane	1.32	50	87160	4.760	ug/L	99
5) Vinyl chloride	1.40	62	107274	5.027	ug/L	99
6) Bromomethane	1.62	94	69097	5.551	ug/L	98
8) Chloroethane	1.70	64	68840	4.955	ug/L	99
9) Trichlorofluoromethane	1.88	101	160607	4.917	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	100299	5.210	ug/L	98
12) 1,1-Dichloroethene	2.28	96	93230	5.113	ug/L	83
13) Acetone	2.32	43	145654	51.800	ug/L	96
14) Carbon disulfide	2.48	76	283706	4.722	ug/L	100
15) Methyl Acetate	2.62	43	37716	5.236	ug/L	98
16) Methylene chloride	2.70	84	103134	5.033	ug/L	94
17) Methyl tert-butyl Ether	3.00	73	236099	5.171	ug/L	97
18) trans-1,2-Dichloroethene	2.98	96	100881	5.189	ug/L	98
19) 1,1-Dichloroethane	3.44	63	165101	5.636	ug/L	97
21) 2-Butanone	4.27	43	192620	55.438	ug/L	98
22) cis-1,2-Dichloroethene	4.22	96	90571	5.064	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.54	128	41448	5.134	ug/L	96
25) Chloroform	4.67	83	152000	5.186	ug/L	95
27) 1,2-Dichloroethane	5.40	62	90622	5.344	ug/L	99
29) 1,1,1-Trichloroethane	4.91	97	128460	4.787	ug/L	98
30) Cyclohexane	4.99	56	122877	4.778	ug/L	99
31) Carbon tetrachloride	5.13	117	111518	4.599	ug/L	99
33) Benzene	5.39	78	317555	4.973	ug/L	100
34) Trichloroethene	6.18	95	90041	5.015	ug/L	96
35) Methylcyclohexane	6.41	83	141376	4.680	ug/L	99
37) 1,2-Dichloropropane	6.43	63	83068	5.193	ug/L	99
38) Bromodichloromethane	6.75	83	103346	4.889	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	125432	4.982	ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	481367	52.207	ug/L	99
42) Toluene	7.63	91	369756	5.159	ug/L	98
44) trans-1,3-Dichloropropene	7.88	75	101808	4.924	ug/L	100
45) 1,1,2-Trichloroethane	8.06	97	64386	5.255	ug/L	95
47) Tetrachloroethene	8.22	164	83113	5.053	ug/L	98
48) 2-Hexanone	8.36	43	354441	52.744	ug/L	99
49) Dibromochloromethane	8.47	129	80502	4.875	ug/L	99
50) 1,2-Dibromoethane	8.59	107	63498	5.237	ug/L	95
51) Chlorobenzene	9.12	112	253183	5.136	ug/L	98
52) Ethylbenzene	9.25	91	420493	5.181	ug/L	98
53) m,p-xylene	9.37	106	163779	5.060	ug/L	97
54) o-xylene	9.77	106	162400	5.112	ug/L	98
55) Styrene	9.79	104	276013	5.233	ug/L	98
56) Isopropylbenzene	10.16	105	439969	5.251	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	81588	5.456	ug/L	97
59) 1,2,3-Trichloropropane	10.49	75	56218	5.479	ug/L	96
61) Bromoform	9.95	173	47383	4.564	ug/L	99
62) 1,3-Dichlorobenzene	11.41	146	219453	5.051	ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	219056	5.049	ug/L	99
65) 1,2-Dichlorobenzene	11.87	146	210869	5.151	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.65	75	12260	4.787	ug/L	98
67) 1,3,5-Trichlorobenzene	12.88	180	183767	5.098	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	159743	5.261	ug/L	98
69) Naphthalene	13.74	128	262991	5.016	ug/L	100
70) 1,2,3-Trichlorobenzene	13.98	180	149370	5.145	ug/L	100

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

