

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021319\
 Data File : VU029444.D
 Acq On : 13 Feb 2019 15:36
 Operator : JC/SP
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00554

Quant Time: Feb 14 00:21:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Feb 14 00:18:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	207932	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	199009	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	111307	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	59418	4.25	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.00%
7) Chloroethane-d5	1.68	69	54975	4.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.00%
11) 1,1-Dichloroethene-d2	2.27	63	132732	4.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.40%
20) 2-Butanone-d5	4.19	46	139889	48.16	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.32%
24) Chloroform-d	4.65	84	98686	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
26) 1,2-Dichloroethane-d4	5.31	65	54611	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
32) Benzene-d6	5.34	84	219811	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
36) 1,2-Dichloropropane-d6	6.33	67	65457	4.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.60%
41) Toluene-d8	7.56	98	218817	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
43) trans-1,3-Dichloropropene-	7.85	79	28687	4.54	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.80%
46) 2-Hexanone-d5	8.31	63	141233	48.56	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.12%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	58048	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	97740	4.76	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.21	85	87256	4.792	ug/L 97
3) Chloromethane	1.32	50	77155	4.490	ug/L 97
5) Vinyl chloride	1.40	62	92688	4.629	ug/L 98
6) Bromomethane	1.63	94	57752	4.944	ug/L 97
8) Chloroethane	1.70	64	58076	4.454	ug/L 99
9) Trichlorofluoromethane	1.88	101	145220	4.738	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	85492	4.732	ug/L 99
12) 1,1-Dichloroethene	2.28	96	80929	4.729	ug/L 95
13) Acetone	2.33	43	126012	47.753	ug/L 100
14) Carbon disulfide	2.48	76	258548	4.586	ug/L 100
15) Methyl Acetate	2.62	43	31567	4.670	ug/L 99
16) Methylene chloride	2.70	84	85044	4.422	ug/L 98
17) Methyl tert-butyl Ether	3.00	73	199605	4.659	ug/L 99
18) trans-1,2-Dichloroethene	2.98	96	86053	4.716	ug/L 97
19) 1,1-Dichloroethane	3.44	63	145803	5.304	ug/L 98
21) 2-Butanone	4.28	43	160160	49.118	ug/L 99
22) cis-1,2-Dichloroethene	4.22	96	79098	4.713	ug/L 97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021319\
 Data File : VU029444.D
 Acq On : 13 Feb 2019 15:36
 Operator : JC/SP
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00554

Quant Time: Feb 14 00:21:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Feb 14 00:18:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	37277	4.920	ug/L	95
25) Chloroform	4.67	83	139320	5.065	ug/L	96
27) 1,2-Dichloroethane	5.41	62	77232	4.853	ug/L	98
29) 1,1,1-Trichloroethane	4.91	97	115144	4.678	ug/L	100
30) Cyclohexane	4.99	56	106369	4.510	ug/L	96
31) Carbon tetrachloride	5.13	117	104094	4.680	ug/L	100
33) Benzene	5.39	78	271803	4.640	ug/L	100
34) Trichloroethene	6.18	95	78058	4.739	ug/L	98
35) Methylcyclohexane	6.41	83	129434	4.671	ug/L	98
37) 1,2-Dichloropropane	6.43	63	68554	4.672	ug/L	100
38) Bromodichloromethane	6.76	83	90841	4.685	ug/L	97
39) cis-1,3-Dichloropropene	7.27	75	106906	4.630	ug/L	98
40) 4-Methyl-2-pentanone	7.46	43	384223	45.430	ug/L	99
42) Toluene	7.63	91	312125	4.747	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	86792	4.577	ug/L	98
45) 1,1,2-Trichloroethane	8.06	97	53287	4.741	ug/L	98
47) Tetrachloroethene	8.22	164	73162	4.849	ug/L	97
48) 2-Hexanone	8.36	43	282723	45.867	ug/L	99
49) Dibromochloromethane	8.48	129	72372	4.778	ug/L	100
50) 1,2-Dibromoethane	8.58	107	53382	4.799	ug/L	96
51) Chlorobenzene	9.12	112	212872	4.708	ug/L	99
52) Ethylbenzene	9.25	91	351380	4.720	ug/L	99
53) m,p-xylene	9.37	106	141254	4.758	ug/L	98
54) o-xylene	9.78	106	137671	4.725	ug/L	95
55) Styrene	9.79	104	228493	4.723	ug/L	98
56) Isopropylbenzene	10.16	105	367154	4.777	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.46	83	64896	4.731	ug/L	98
59) 1,2,3-Trichloropropane	10.49	75	44627	4.742	ug/L	96
61) Bromoform	9.95	173	43045	4.568	ug/L	99
62) 1,3-Dichlorobenzene	11.41	146	184348	4.675	ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	188028	4.775	ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	177565	4.779	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.66	75	10674	4.592	ug/L	98
67) 1,3,5-Trichlorobenzene	12.89	180	155948	4.766	ug/L	98
68) 1,2,4-trichlorobenzene	13.50	180	135051	4.901	ug/L	99
69) Naphthalene	13.74	128	210764	4.429	ug/L	100
70) 1,2,3-Trichlorobenzene	13.98	180	123064	4.671	ug/L	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU021319\
Data File : VU029444.D
Acq On : 13 Feb 2019 15:36
Operator : JC/SP
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD00554

Quant Time: Feb 14 00:21:58 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Feb 14 00:18:32 2019
Response via : Initial Calibration

