

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021720\
 Data File : VU036802.D
 Acq On : 17 Feb 2020 10:59
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00520

Quant Time: Feb 18 00:43:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Feb 17 10:22:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	123418	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	114616	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	51337	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	44506	4.19	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.80%
7) Chloroethane-d5	1.93	69	42958	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.20%
11) 1,1-Dichloroethene-d2	2.59	63	80940	4.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.20%
20) 2-Butanone-d5	4.67	46	127699	57.37	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.74%
24) Chloroform-d	5.11	84	84927	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
26) 1,2-Dichloroethane-d4	5.74	65	47073	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
32) Benzene-d6	5.76	84	174856	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
36) 1,2-Dichloropropane-d6	6.73	67	56991	5.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.20%
41) Toluene-d8	7.92	98	158491	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
43) trans-1,3-Dichloropropene-	8.21	79	21746	5.06	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.20%
46) 2-Hexanone-d5	8.66	63	106517	54.26	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.52%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	45294	5.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.80%
64) 1,2-Dichlorobenzene-d4	12.21	152	50990	4.97	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	41854	5.135	ug/L 98
3) Chloromethane	1.54	50	44868	5.289	ug/L 97
5) Vinyl chloride	1.62	62	52658	5.314	ug/L 97
6) Bromomethane	1.87	94	30027	5.043	ug/L 98
8) Chloroethane	1.95	64	33620	4.857	ug/L 98
9) Trichlorofluoromethane	2.16	101	65300	5.009	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	43269	5.197	ug/L 96
12) 1,1-Dichloroethene	2.60	96	37722	5.025	ug/L 99
13) Acetone	2.66	43	145201	51.016	ug/L 98
14) Carbon disulfide	2.82	76	89459	4.938	ug/L 100
15) Methyl Acetate	2.98	43	19488	5.160	ug/L 96
16) Methylene chloride	3.08	84	48433	3.827	ug/L 98
17) Methyl tert-butyl Ether	3.41	73	116061	5.220	ug/L 99
18) trans-1,2-Dichloroethene	3.39	96	39884	5.148	ug/L 98
19) 1,1-Dichloroethane	3.91	63	88105	5.423	ug/L 97
21) 2-Butanone	4.75	43	175595	53.037	ug/L 99
22) cis-1,2-Dichloroethene	4.71	96	49636	5.295	ug/L 96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021720\
 Data File : VU036802.D
 Acq On : 17 Feb 2020 10:59
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00520

Quant Time: Feb 18 00:43:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Feb 17 10:22:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	19963	5.356	ug/L	97
25) Chloroform	5.13	83	85467	4.926	ug/L	99
27) 1,2-Dichloroethane	5.84	62	56559	5.114	ug/L	98
29) 1,1,1-Trichloroethane	5.36	97	65854	5.231	ug/L	99
30) Cyclohexane	5.43	56	70982	5.309	ug/L	98
31) Carbon tetrachloride	5.56	117	52430	5.163	ug/L	97
33) Benzene	5.81	78	188301	5.326	ug/L	100
34) Trichloroethene	6.57	95	47256	5.248	ug/L	99
35) Methylcyclohexane	6.79	83	75496	5.284	ug/L	98
37) 1,2-Dichloropropane	6.83	63	51489	5.334	ug/L	100
38) Bromodichloromethane	7.14	83	61160	5.309	ug/L	98
39) cis-1,3-Dichloropropene	7.64	75	75495	5.405	ug/L	97
40) 4-Methyl-2-pentanone	7.83	43	335421	53.848	ug/L	99
42) Toluene	8.00	91	200620	5.284	ug/L	98
44) trans-1,3-Dichloropropene	8.24	75	58898	5.396	ug/L	95
45) 1,1,2-Trichloroethane	8.43	97	35888	5.344	ug/L	100
47) Tetrachloroethene	8.58	164	30583	4.993	ug/L	96
48) 2-Hexanone	8.72	43	285323	53.525	ug/L	99
49) Dibromochloromethane	8.84	129	37633	5.419	ug/L	90
50) 1,2-Dibromoethane	8.95	107	31713	5.229	ug/L	100
51) Chlorobenzene	9.47	112	122296	5.207	ug/L	99
52) Ethylbenzene	9.59	91	221510	5.223	ug/L	99
53) m,p-Xylene	9.72	106	81936	5.250	ug/L	96
54) o-Xylene	10.12	106	81432	5.313	ug/L	99
55) Styrene	10.14	104	136265	5.274	ug/L	98
56) Isopropylbenzene	10.51	105	215148	5.246	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.80	83	46063	5.240	ug/L	100
59) 1,2,3-Trichloropropane	10.84	75	33265	5.219	ug/L	99
61) Bromoform	10.31	173	18889	5.340	ug/L	99
62) 1,3-Dichlorobenzene	11.76	146	91571	5.177	ug/L	100
63) 1,4-Dichlorobenzene	11.85	146	90012	5.134	ug/L	100
65) 1,2-Dichlorobenzene	12.23	146	87440	5.128	ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.02	75	7010	5.509	ug/L	98
67) 1,3,5-Trichlorobenzene	13.25	180	65294	5.244	ug/L	99
68) 1,2,4-trichlorobenzene	13.88	180	49078	5.227	ug/L	97
69) Naphthalene	14.12	128	91197	5.361	ug/L	99
70) 1,2,3-Trichlorobenzene	14.37	180	44810	5.318	ug/L	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU021720\
Data File : VU036802.D
Acq On : 17 Feb 2020 10:59
Operator : JC/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD00520

Quant Time: Feb 18 00:43:21 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Feb 17 10:22:54 2020
Response via : Initial Calibration

