

Data File : VU036574.D
Acq On : 28 Jan 2020 13:59
Operator : JC/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD00611

Quant Time: Jan 29 06:11:41 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUTR012420WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Jan 28 02:33:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	152625	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	144528	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.83	152	71482	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	33888	4.04	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.80%
7) Chloroethane-d5	1.93	69	33329	4.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.60%
11) 1,1-Dichloroethene-d2	2.59	65	15048	4.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.00%
20) 2-Butanone-d5	4.68	46	98364	53.19	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.38%
24) Chloroform-d	5.11	84	74626	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
26) 1,2-Dichloroethane-d4	5.74	65	37848	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
32) Benzene-d6	5.77	84	155885	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
36) 1,2-Dichloropropane-d6	6.73	67	48763	4.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.40%
41) Toluene-d8	7.93	98	151434	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
43) trans-1,3-Dichloropropene-	8.21	79	20056	4.74	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.80%
46) 2-Hexanone-d5	8.67	63	100404	51.03	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.06%
56) 1,1,2,2-Tetrachloroethane-	10.78	84	41971	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.40%
66) 1,2-Dichlorobenzene-d4	12.21	152	58076	4.68	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.60%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	55097	4.923 ug/L	99
3) Chloromethane	1.54	50	56959	4.819 ug/L	99
5) Vinyl chloride	1.62	62	61985	4.832 ug/L	97
6) Bromomethane	1.87	94	39792	5.339 ug/L	94
8) Chloroethane	1.95	64	37235	4.693 ug/L	98
9) Trichlorofluoromethane	2.16	101	74603	4.999 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	47234	5.134 ug/L	98
12) 1,1-Dichloroethene	2.61	96	45515	4.989 ug/L	94
13) Acetone	2.67	43	71227	51.673 ug/L	100
14) Carbon disulfide	2.82	76	140707	4.903 ug/L	98
15) Methyl Acetate	2.99	43	17744	5.036 ug/L	99
16) Methylene chloride	3.08	84	52414	4.224 ug/L	99
17) Methyl tert-butyl Ether	3.41	73	118247	5.161 ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	49876	5.090 ug/L	96
19) 1,1-Dichloroethane	3.92	63	85786	5.017 ug/L	99
21) 2-Butanone	4.76	43	116244	52.152 ug/L	98
22) cis-1,2-Dichloroethene	4.71	96	55061	5.036 ug/L	99

Data File : VU036574.D
Acq On : 28 Jan 2020 13:59
Operator : JC/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD00611

Quant Time: Jan 29 06:11:41 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUTR012420WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Jan 28 02:33:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	24419	5.307	ug/L	98
25) Chloroform	5.13	83	87152	5.113	ug/L	99
27) 1,2-Dichloroethane	5.83	62	53294	4.986	ug/L	100
29) 1,1,1-Trichloroethane	5.36	97	72450	5.020	ug/L	97
30) Cyclohexane	5.43	56	79534	4.829	ug/L	99
31) Carbon tetrachloride	5.56	117	61841	5.053	ug/L	100
33) Benzene	5.81	78	202961	4.997	ug/L	100
34) Trichloroethene	6.58	95	53131	4.939	ug/L	99
35) Methylcyclohexane	6.80	83	91970	4.990	ug/L	98
37) 1,2-Dichloropropane	6.83	63	50707	5.021	ug/L	100
38) Bromodichloromethane	7.14	83	62215	5.042	ug/L	99
39) cis-1,3-Dichloropropene	7.64	75	79439	5.100	ug/L	99
40) 4-Methyl-2-pentanone	7.83	43	281747	49.601	ug/L	98
42) Toluene	8.00	91	221392	4.936	ug/L	100
44) trans-1,3-Dichloropropene	8.24	75	62034	5.174	ug/L	98
45) 1,1,2-Trichloroethane	8.43	97	37538	5.024	ug/L	98
47) Tetrachloroethene	8.58	164	43892	5.011	ug/L	98
48) 2-Hexanone	8.72	43	199659	50.950	ug/L	98
49) Dibromochloromethane	8.84	129	44126	5.160	ug/L	98
50) 1,2-Dibromoethane	8.95	107	36358	4.997	ug/L #	92
51) Chlorobenzene	9.47	112	142442	4.945	ug/L	99
52) Ethylbenzene	9.60	91	243921	4.994	ug/L	100
53) m,p-Xylene	9.72	106	95052	5.017	ug/L	98
54) o-Xylene	10.12	106	93184	5.019	ug/L	99
55) Styrene	10.14	104	152450	5.002	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.81	83	47041	5.022	ug/L	96
59) Bromoform	10.32	173	24668	5.136	ug/L	98
60) Isopropylbenzene	10.51	105	245091	5.072	ug/L	100
61) 1,2,3-Trichloropropane	10.85	75	32877	4.941	ug/L	99
62) 1,3,5-Trimethylbenzene	11.11	105	212885	5.141	ug/L	100
63) 1,2,4-Trimethylbenzene	11.49	105	209076	5.088	ug/L	100
64) 1,3-Dichlorobenzene	11.77	146	114321	5.075	ug/L	99
65) 1,4-Dichlorobenzene	11.86	146	110298	4.893	ug/L	100
67) 1,2-Dichlorobenzene	12.23	146	107392	4.991	ug/L	99
68) 1,2-Dibromo-3-chloropropan	13.02	75	6684	4.741	ug/L	85
69) 1,3,5-Trichlorobenzene	13.24	180	87359	5.047	ug/L	98
70) 1,2,4-trichlorobenzene	13.86	180	60497	4.810	ug/L	99
71) Naphthalene	14.10	128	77239	4.305	ug/L	98
72) 1,2,3-Trichlorobenzene	14.35	180	54746	4.815	ug/L	99

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

Data File : VU036574.D

```
Acq On       : 28 Jan 2020   13:59
Operator     : JC/MD
Sample       : VSTDCCC005EC
Misc         : 25.0mL/MSV0A_U/WATER
ALS Vial     : 7      Sample Multiplier: 1
```

Instrument :
MSVOA_U
ClientSampleId :
VSTD00611

Quant Time: Jan 29 06:11:41 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUTR012420WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Jan 28 02:33:33 2020
Response via : Initial Calibration

