

Data File : VV006597.D
Acq On : 13 Jul 2018 16:32
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD00521

Quant Time: Jul 14 00:25:20 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR070718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 13 01:47:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	355790	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	321369	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	155809	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	102177	5.28	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.60%
7) Chloroethane-d5	1.58	69	81649	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.80%
11) 1,1-Dichloroethene-d2	2.13	63	179399	4.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.80%
20) 2-Butanone-d5	3.97	46	185742	37.80	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	75.60%
24) Chloroform-d	4.40	84	172638	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
26) 1,2-Dichloroethane-d4	5.09	65	75967	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.00%
32) Benzene-d6	5.10	84	368917	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
36) 1,2-Dichloropropane-d6	6.12	67	108255	4.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.00%
41) Toluene-d8	7.36	98	347865	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.20%
43) trans-1,3-Dichloropropene-	7.67	79	36749	4.56	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.20%
46) 2-Hexanone-d5	8.14	63	163487	40.14	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.28%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	73929	3.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	123878	4.62	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.40%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	125679	4.504 ug/L	99
3) Chloromethane	1.26	50	128321	3.760 ug/L	100
5) Vinyl chloride	1.32	62	134258	4.239 ug/L	100
6) Bromomethane	1.54	94	70045	4.771 ug/L	100
8) Chloroethane	1.60	64	80854	4.205 ug/L	100
9) Trichlorofluoromethane	1.77	101	159964	4.488 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	108286	4.918 ug/L	99
12) 1,1-Dichloroethene	2.14	96	100277	4.501 ug/L	92
13) Acetone	2.22	43	121964	39.249 ug/L	97
14) Carbon disulfide	2.32	76	271621	4.077 ug/L	99
15) Methyl Acetate	2.47	43	34307	3.750 ug/L	99
16) Methylene chloride	2.54	84	106431	4.237 ug/L	98
17) Methyl tert-butyl Ether	2.81	73	224283	4.250 ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	108845	4.479 ug/L	96
19) 1,1-Dichloroethane	3.23	63	187083	4.436 ug/L	99
21) 2-Butanone	4.05	43	210260	41.239 ug/L	98
22) cis-1,2-Dichloroethene	3.97	96	116648	4.468 ug/L	95

Data File : VV006597.D
Acq On : 13 Jul 2018 16:32
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD00521

Quant Time: Jul 14 00:25:20 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR070718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 13 01:47:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.31	128	47451	4.437	ug/L	96
25) Chloroform	4.43	83	187042	4.458	ug/L	99
27) 1,2-Dichloroethane	5.19	62	99265	4.166	ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	155188	4.609	ug/L	99
30) Cyclohexane	4.73	56	167564	4.677	ug/L	98
31) Carbon tetrachloride	4.88	117	132512	4.704	ug/L	99
33) Benzene	5.15	78	438479	4.571	ug/L	100
34) Trichloroethene	5.96	95	113570	4.616	ug/L	97
35) Methylcyclohexane	6.18	83	194780	4.917	ug/L	96
37) 1,2-Dichloropropane	6.22	63	103710	4.421	ug/L	99
38) Bromodichloromethane	6.56	83	115058	4.350	ug/L	98
39) cis-1,3-Dichloropropene	7.08	75	142031	4.510	ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	481184	40.464	ug/L	98
42) Toluene	7.43	91	467271	4.684	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	108138	4.449	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	72293	4.404	ug/L	99
47) Tetrachloroethene	8.02	164	96440	4.767	ug/L	98
48) 2-Hexanone	8.19	43	344310	40.834	ug/L	99
49) Dibromochloromethane	8.30	129	74775	4.368	ug/L	99
50) 1,2-Dibromoethane	8.40	107	64667	4.328	ug/L	97
51) Chlorobenzene	8.93	112	304373	4.664	ug/L	99
52) Ethylbenzene	9.06	91	505495	4.769	ug/L	99
53) m,p-xylene	9.19	106	198395	4.858	ug/L	99
54) o-xylene	9.59	106	191788	4.798	ug/L	98
55) Styrene	9.61	104	322563	4.799	ug/L	100
56) Isopropylbenzene	9.98	105	503216	4.908	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	78927	4.075	ug/L	97
59) 1,2,3-Trichloropropane	10.32	75	57680	4.132	ug/L	98
61) Bromoform	9.78	173	37394	4.190	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	230409	4.689	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	233488	4.674	ug/L	99
65) 1,2-Dichlorobenzene	11.70	146	217996	4.592	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	9803	3.864	ug/L	99
67) 1,3,5-Trichlorobenzene	12.70	180	186780	4.798	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	144949	4.679	ug/L	99
69) Naphthalene	13.56	128	220721	4.196	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	134828	4.643	ug/L	100

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

Data File : VV006597.D

```
Acq On       : 13 Jul 2018   16:32
Operator     : SY/MD
Sample       : VSTDCCC005
Misc         : 25 mL/MSVOA_V/WATER
ALS Vial     : 1      Sample Multiplier: 1
```

Instrument :
MSVOA_V
ClientSampleId :
VSTD00521

Quant Time: Jul 14 00:25:20 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR070718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 13 01:47:22 2018
Response via : Initial Calibration

