

Data File : VV007602.D
Acq On : 18 Sep 2018 14:26
Operator : SY/MD
Sample : VSTD0.566
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.566

Quant Time: Sep 19 01:28:09 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091818WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 19 01:25:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	114504	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	105811	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	56608	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	2916	0.49	ug/L	0.00
7) Chloroethane-d5	1.59	69	2445	0.49	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.14	63	7043	0.56	ug/L	0.00
20) 2-Butanone-d5	3.98	46	3170	3.85	ug/L	0.00
24) Chloroform-d	4.41	84	5620	0.46	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	2723	0.46	ug/L	0.00
32) Benzene-d6	5.10	84	11123	0.47	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.13	67	3223	0.46	ug/L	0.00
41) Toluene-d8	7.37	98	11288	0.46	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	1355	0.42	ug/L	0.00
46) 2-Hexanone-d5	8.15	63	1642	3.16	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	1912	0.39	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	5252	0.51	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	5431	0.805 ug/L	92
3) Chloromethane	1.25	50	3710	0.651 ug/L #	77
5) Vinyl chloride	1.32	62	4145	0.653 ug/L	99
6) Bromomethane	1.54	94	3241	0.714 ug/L	98
8) Chloroethane	1.60	64	2508	0.644 ug/L	83
9) Trichlorofluoromethane	1.78	101	8654	0.688 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	4834	0.701 ug/L	96
12) 1,1-Dichloroethene	2.14	96	4574	0.737 ug/L	96
13) Acetone	2.21	43	3516	6.267 ug/L	88
14) Carbon disulfide	2.32	76	13409	0.743 ug/L	96
15) Methyl Acetate	2.48	43	730	0.453 ug/L #	74
16) Methylene chloride	2.54	84	5912	0.887 ug/L	98
17) Methyl tert-butyl Ether	2.82	73	9574	0.659 ug/L #	86
18) trans-1,2-Dichloroethene	2.79	96	4957	0.741 ug/L	99
19) 1,1-Dichloroethane	3.23	63	5916	0.615 ug/L	97
21) 2-Butanone	4.06	43	5184	5.588 ug/L	87
22) cis-1,2-Dichloroethene	3.97	96	4176	0.641 ug/L	89
23) Bromochloromethane	4.31	128	1891	0.660 ug/L	97
25) Chloroform	4.43	83	7160	0.651 ug/L	92
27) 1,2-Dichloroethane	5.19	62	3900	0.621 ug/L	97
29) 1,1,1-Trichloroethane	4.66	97	6470	0.603 ug/L	98
30) Cyclohexane	4.73	56	5851	0.628 ug/L	97
31) Carbon tetrachloride	4.88	117	6116	0.607 ug/L	99
33) Benzene	5.15	78	14715	0.644 ug/L	100
34) Trichloroethene	5.96	95	5418	0.766 ug/L	94
35) Methylcyclohexane	6.18	83	7025	0.648 ug/L	94
37) 1,2-Dichloropropane	6.23	63	3062	0.549 ug/L #	88
38) Bromodichloromethane	6.56	83	4528	0.564 ug/L	99
39) cis-1,3-Dichloropropene	7.08	75	5350	0.605 ug/L	92
40) 4-Methyl-2-pentanone	7.29	43	19758	6.472 ug/L	94

Data File : VV007602.D
Acq On : 18 Sep 2018 14:26
Operator : SY/MD
Sample : VSTD0.566
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.566

Quant Time: Sep 19 01:28:09 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091818WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 19 01:25:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.44	91	17176	0.652	ug/L	95
44) trans-1,3-Dichloropropene	7.70	75	3927	0.541	ug/L	95
45) 1,1,2-Trichloroethane	7.89	97	2680	0.640	ug/L	88
47) Tetrachloroethene	8.02	164	4682	0.736	ug/L	95
48) 2-Hexanone	8.21	43	15240	6.458	ug/L	96
49) Dibromochloromethane	8.30	129	3106	0.527	ug/L	94
50) 1,2-Dibromoethane	8.41	107	2740	0.674	ug/L #	87
51) Chlorobenzene	8.93	112	11610	0.653	ug/L	97
52) Ethylbenzene	9.06	91	19122	0.647	ug/L	99
53) m,p-xylene	9.19	106	8076	0.704	ug/L	92
54) o-xylene	9.59	106	6886	0.615	ug/L	98
55) Styrene	9.61	104	11445	0.625	ug/L	98
56) Isopropylbenzene	9.98	105	19876	0.650	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.30	83	2140	0.531	ug/L	93
59) 1,2,3-Trichloropropane	10.32	75	2191	0.642	ug/L	89
61) Bromoform	9.78	173	1807	0.530	ug/L #	91
62) 1,3-Dichlorobenzene	11.23	146	10932	0.727	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	10553	0.704	ug/L	96
65) 1,2-Dichlorobenzene	11.70	146	9786	0.701	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.49	75	322	0.470	ug/L	96
67) 1,3,5-Trichlorobenzene	12.70	180	7884	0.668	ug/L	97
68) 1,2,4-trichlorobenzene	13.32	180	4324	0.514	ug/L	96
69) Naphthalene	13.57	128	4228	0.422	ug/L #	96
70) 1,2,3-Trichlorobenzene	13.81	180	4225	0.549	ug/L	97

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

Data File : VV007602.D

```
Acq On       : 18 Sep 2018   14:26
Operator     : SY/MD
Sample       : VSTD0.566
Misc         : 25.0 mL/MSVOA_V/WATER
ALS Vial     : 7   Sample Multiplier: 1
```

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.566

Quant Time: Sep 19 01:28:09 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091818WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 19 01:25:54 2018
Response via : Initial Calibration

