Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100118\
Data File : VV008021.D
Acq On : 02 Oct 2018 03:22
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00565

Quant Time: Oct 02 04:20:17 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 02 04:17:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	96211	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	92890	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	49956	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	24980	4.84	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 96.80%			
7) Chloroethane-d5	1.59	69	21654	4.86	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 97.20%			
11) 1,1-Dichloroethene-d2	2.14	63	54547	4.68	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 93.60%			
20) 2-Butanone-d5	3.97	46	70613	45.52	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 91.04%			
24) Chloroform-d	4.41	84	57667	4.91	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.20%			
26) 1,2-Dichloroethane-d4	5.09	65	29345	4.54	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.80%			
32) Benzene-d6	5.10	84	109326	4.93	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.60%			
36) 1,2-Dichloropropane-d6	6.13	67	34007	4.84	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.80%			
41) Toluene-d8	7.36	98	111212	4.93	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.60%			
43) trans-1,3-Dichloropropene-	7.67	79	12229	4.52	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 90.40%			
46) 2-Hexanone-d5	8.14	63	53929	45.13	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 90.26%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	24839	4.58	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 91.60%			
64) 1,2-Dichlorobenzene-d4	11.68	152	44556	4.61	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	37427	4.638	ug/L	98
3) Chloromethane	1.25	50	33666	4.689	ug/L	97
5) Vinyl chloride	1.32	62	36852	4.794	ug/L	98
6) Bromomethane	1.54	94	20115	4.243	ug/L	98
8) Chloroethane	1.60	64	22591	4.874	ug/L	100
9) Trichlorofluoromethane	1.77	101	59218	4.719	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	34348	4.826	ug/L	97
12) 1,1-Dichloroethene	2.15	96	29880	4.698	ug/L	98
13) Acetone	2.22	43	48723	43.106	ug/L	99
14) Carbon disulfide	2.32	76	75027	4.352	ug/L	100
15) Methyl Acetate	2.47	43	13045	4.513	ug/L	98
16) Methylene chloride	2.54	84	31846	4.507	ug/L	94
17) Methyl tert-butyl Ether	2.81	73	73264	4.663	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	32705	4.665	ug/L	99
19) 1,1-Dichloroethane	3.23	63	57516	4.808	ug/L	98
21) 2-Butanone	4.05	43	80805	44.871	ug/L	99
22) cis-1,2-Dichloroethene	3.97	96	35362	4.982	ug/L	97

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100118\
Data File : VV008021.D
Acq On : 02 Oct 2018 03:22
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00565

Quant Time: Oct 02 04:20:17 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 02 04:17:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.31	128	15516	5.026 ug/L	95
25) Chloroform	4.43	83	63426	4.903 ug/L	97
27) 1,2-Dichloroethane	5.19	62	38303	4.601 ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	54919	4.917 ug/L	99
30) Cyclohexane	4.73	56	48388	4.608 ug/L	99
31) Carbon tetrachloride	4.88	117	49117	4.988 ug/L	100
33) Benzene	5.15	78	131796	4.955 ug/L	100
34) Trichloroethene	5.96	95	35341	4.640 ug/L	94
35) Methylcyclohexane	6.18	83	51866	4.541 ug/L	99
37) 1,2-Dichloropropane	6.23	63	33836	4.979 ug/L	98
38) Bromodichloromethane	6.56	83	40668	5.005 ug/L	99
39) cis-1,3-Dichloropropene	7.08	75	42910	4.721 ug/L	96
40) 4-Methyl-2-pentanone	7.28	43	205251	48.125 ug/L	100
42) Toluene	7.43	91	147370	5.088 ug/L	97
44) trans-1,3-Dichloropropene	7.70	75	34352	4.546 ug/L	100
45) 1,1,2-Trichloroethane	7.89	97	24040	4.902 ug/L	99
47) Tetrachloroethene	8.02	164	32802	4.648 ug/L	94
48) 2-Hexanone	8.19	43	145576	49.077 ug/L	98
49) Dibromochloromethane	8.30	129	27746	4.956 ug/L	96
50) 1,2-Dibromoethane	8.40	107	22129	4.937 ug/L	99
51) Chlorobenzene	8.93	112	96962	4.846 ug/L	100
52) Ethylbenzene	9.06	91	156183	4.833 ug/L	99
53) m,p-xylene	9.19	106	59607	4.844 ug/L	98
54) o-xylene	9.59	106	57569	4.844 ug/L	99
55) Styrene	9.61	104	99847	4.919 ug/L	99
56) Isopropylbenzene	9.98	105	155122	4.819 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	27801	4.827 ug/L	96
59) 1,2,3-Trichloropropane	10.32	75	19962	4.722 ug/L	100
61) Bromoform	9.78	173	15324	5.108 ug/L	97
62) 1,3-Dichlorobenzene	11.23	146	78854	4.781 ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	80684	4.705 ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	76466	4.918 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	3942	4.977 ug/L	90
67) 1,3,5-Trichlorobenzene	12.70	180	66144	4.684 ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	51979	4.355 ug/L	100
69) Naphthalene	13.56	128	68377	4.096 ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	49838	4.611 ug/L	98

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100118\
Data File : VV008021.D
Acq On : 02 Oct 2018 03:22
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD00565

Quant Time: Oct 02 04:20:17 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 02 04:17:24 2018
Response via : Initial Calibration