Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102418\
Data File : VU027803.D
Acq On : 24 Oct 2018 22:36
Operator : MD/SY
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00503

Quant Time: Oct 25 07:26:23 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 25 07:21:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	38920	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	37506	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	19565	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	13812	4.35	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 87.00%			
7) Chloroethane-d5	1.68	69	10893	4.54	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 90.80%			
11) 1,1-Dichloroethene-d2	2.28	63	28483	4.69	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 93.80%			
20) 2-Butanone-d5	4.20	46	46296	47.99	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 95.98%			
24) Chloroform-d	4.65	84	25042	4.43	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.60%			
26) 1,2-Dichloroethane-d4	5.31	65	15637	4.64	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.80%			
32) Benzene-d6	5.34	84	49588	4.96	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.20%			
36) 1,2-Dichloropropane-d6	6.33	67	17661	4.98	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.60%			
41) Toluene-d8	7.57	98	46689	4.90	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.00%			
43) trans-1,3-Dichloropropene-	7.85	79	6994	4.85	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 97.00%			
46) 2-Hexanone-d5	8.31	63	39589	49.83	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.66%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	13241	4.91	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 98.20%			
64) 1,2-Dichlorobenzene-d4	11.86	152	17692	4.80	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	18296	4.847	ug/L	99
3) Chloromethane	1.33	50	17535	4.137	ug/L	100
5) Vinyl chloride	1.41	62	18748	4.596	ug/L	94
6) Bromomethane	1.63	94	2904	1.389	ug/L	93
8) Chloroethane	1.70	64	10963	4.972	ug/L	98
9) Trichlorofluoromethane	1.89	101	26417	4.898	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	12495	4.590	ug/L	95
12) 1,1-Dichloroethene	2.29	96	12075	4.760	ug/L	93
13) Acetone	2.32	43	30234	43.477	ug/L	99
14) Carbon disulfide	2.48	76	39297	4.512	ug/L	97
15) Methyl Acetate	2.62	43	8628	4.434	ug/L #	89
16) Methylene chloride	2.70	84	13466	4.501	ug/L	95
17) Methyl tert-butyl Ether	3.01	73	38670	4.762	ug/L	98
18) trans-1,2-Dichloroethene	2.98	96	13359	4.914	ug/L	96
19) 1,1-Dichloroethane	3.45	63	28948	4.816	ug/L	98
21) 2-Butanone	4.28	43	54169	47.475	ug/L	97
22) cis-1,2-Dichloroethene	4.23	96	14897	4.613	ug/L	97

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102418\
Data File : VU027803.D
Acq On : 24 Oct 2018 22:36
Operator : MD/SY
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00503

Quant Time: Oct 25 07:26:23 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 25 07:21:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.55	128	6174	4.716	ug/L		97
25) Chloroform	4.68	83	31424	5.192	ug/L		97
27) 1,2-Dichloroethane	5.41	62	21728	4.860	ug/L		98
29) 1,1,1-Trichloroethane	4.92	97	27158	5.034	ug/L		97
30) Cyclohexane	4.99	56	28559	4.726	ug/L		99
31) Carbon tetrachloride	5.13	117	22565	4.875	ug/L		96
33) Benzene	5.39	78	61193	4.910	ug/L		100
34) Trichloroethene	6.19	95	15875	4.916	ug/L		95
35) Methylcyclohexane	6.41	83	25991	4.817	ug/L		99
37) 1,2-Dichloropropane	6.44	63	17528	4.790	ug/L		99
38) Bromodichloromethane	6.76	83	21088	4.826	ug/L		94
39) cis-1,3-Dichloropropene	7.27	75	24758	4.723	ug/L		98
40) 4-Methyl-2-pentanone	7.47	43	131915	48.218	ug/L		99
42) Toluene	7.64	91	65292	4.867	ug/L		100
44) trans-1,3-Dichloropropene	7.88	75	21198	4.802	ug/L		100
45) 1,1,2-Trichloroethane	8.07	97	10899	4.935	ug/L		95
47) Tetrachloroethene	8.23	164	12410	4.731	ug/L		96
48) 2-Hexanone	8.37	43	93181	47.934	ug/L		99
49) Dibromochloromethane	8.48	129	13473	4.787	ug/L		94
50) 1,2-Dibromoethane	8.59	107	10500	4.891	ug/L	#	96
51) Chlorobenzene	9.12	112	40800	4.940	ug/L		98
52) Ethylbenzene	9.25	91	76462	4.913	ug/L		99
53) m,p-xylene	9.38	106	26851	4.871	ug/L		97
54) o-xylene	9.78	106	26974	5.008	ug/L		98
55) Styrene	9.79	104	45899	5.031	ug/L		98
56) Isopropylbenzene	10.17	105	74454	4.992	ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.46	83	14598	5.025	ug/L		98
59) 1,2,3-Trichloropropane	10.49	75	10719	4.652	ug/L		98
61) Bromoform	9.96	173	7607	4.623	ug/L		99
62) 1,3-Dichlorobenzene	11.42	146	32961	4.790	ug/L		98
63) 1,4-Dichlorobenzene	11.51	146	33262	4.787	ug/L		97
65) 1,2-Dichlorobenzene	11.88	146	31291	4.836	ug/L		97
66) 1,2-Dibromo-3-chloropropan	12.66	75	2540	4.929	ug/L	#	88
67) 1,3,5-Trichlorobenzene	12.89	180	26607	4.820	ug/L		98
68) 1,2,4-trichlorobenzene	13.50	180	23310	4.862	ug/L		99
69) Naphthalene	13.74	128	37082	4.762	ug/L		99
70) 1,2,3-Trichlorobenzene	13.99	180	21549	4.878	ug/L		99

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102418\
Data File : VU027803.D
Acq On : 24 Oct 2018 22:36
Operator : MD/SY
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD00503

Quant Time: Oct 25 07:26:23 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 25 07:21:42 2018
Response via : Initial Calibration