Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071619\
Data File : VU033275.D
Acq On : 16 Jul 2019 20:15
Operator : JC/SP
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00514

Quant Time: Jul 17 04:50:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR071619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 17 04:42:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	126206	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	135477	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	65506	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	56179	4.42	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 88.40%			
7) Chloroethane-d5	1.67	69	49718	4.69	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 93.80%			
11) 1,1-Dichloroethene-d2	2.26	63	118599	4.83	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 96.60%			
20) 2-Butanone-d5	4.16	46	108816	45.43	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 90.86%			
24) Chloroform-d	4.62	84	86218	4.60	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.00%			
26) 1,2-Dichloroethane-d4	5.29	65	49845	4.92	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.40%			
32) Benzene-d6	5.31	84	173336	4.59	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.80%			
36) 1,2-Dichloropropane-d6	6.31	67	55200	4.60	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 92.00%			
41) Toluene-d8	7.55	98	164141	4.59	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.80%			
43) trans-1,3-Dichloropropene-	7.83	79	22374	4.65	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 93.00%			
46) 2-Hexanone-d5	8.30	63	107446	54.37	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 108.74%			
57) 1,1,2,2-Tetrachloroethane-	10.42	84	52072	5.22	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 104.40%			
64) 1,2-Dichlorobenzene-d4	11.85	152	61934	4.86	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	56608	5.283	ug/L	96
3) Chloromethane	1.32	50	62219	4.919	ug/L	99
5) Vinyl chloride	1.40	62	71037	5.229	ug/L	99
6) Bromomethane	1.62	94	45252	5.254	ug/L	95
8) Chloroethane	1.69	64	45781	5.265	ug/L	98
9) Trichlorofluoromethane	1.87	101	101238	5.199	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	57168	5.316	ug/L	98
12) 1,1-Dichloroethene	2.27	96	53747	5.184	ug/L	97
13) Acetone	2.31	43	114757	54.724	ug/L	99
14) Carbon disulfide	2.46	76	172423	5.136	ug/L	100
15) Methyl Acetate	2.60	43	28270	5.398	ug/L	97
16) Methylene chloride	2.68	84	64960	5.138	ug/L	95
17) Methyl tert-butyl Ether	2.98	73	153952	5.669	ug/L	99
18) trans-1,2-Dichloroethene	2.96	96	59970	5.236	ug/L	100
19) 1,1-Dichloroethane	3.42	63	88976	5.170	ug/L	98
21) 2-Butanone	4.25	43	134993	56.011	ug/L	99
22) cis-1,2-Dichloroethene	4.20	96	51013	5.270	ug/L	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071619\
Data File : VU033275.D
Acq On : 16 Jul 2019 20:15
Operator : JC/SP
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00514

Quant Time: Jul 17 04:50:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR071619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 17 04:42:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.52	128	22944	5.381	ug/L		96
25) Chloroform	4.65	83	103653	5.438	ug/L		99
27) 1,2-Dichloroethane	5.38	62	62789	5.537	ug/L		98
29) 1,1,1-Trichloroethane	4.89	97	79141	5.057	ug/L		99
30) Cyclohexane	4.97	56	66655	4.743	ug/L		98
31) Carbon tetrachloride	5.11	117	68448	4.997	ug/L		100
33) Benzene	5.37	78	193147	5.034	ug/L		100
34) Trichloroethene	6.16	95	52939	5.215	ug/L		98
35) Methylcyclohexane	6.39	83	74253	4.854	ug/L		99
37) 1,2-Dichloropropane	6.41	63	52510	5.061	ug/L		100
38) Bromodichloromethane	6.74	83	67604	5.108	ug/L		97
39) cis-1,3-Dichloropropene	7.25	75	72312	4.885	ug/L		99
40) 4-Methyl-2-pentanone	7.45	43	340804	57.325	ug/L		99
42) Toluene	7.62	91	214529	5.209	ug/L		97
44) trans-1,3-Dichloropropene	7.86	75	60762	5.077	ug/L		98
45) 1,1,2-Trichloroethane	8.05	97	39279	5.295	ug/L		95
47) Tetrachloroethene	8.21	164	39939	4.909	ug/L		98
48) 2-Hexanone	8.35	43	249126	57.292	ug/L		99
49) Dibromochloromethane	8.46	129	46599	5.216	ug/L		99
50) 1,2-Dibromoethane	8.57	107	38510	5.407	ug/L	#	99
51) Chlorobenzene	9.10	112	134996	4.993	ug/L		100
52) Ethylbenzene	9.23	91	221560	5.039	ug/L		99
53) m,p-Xylene	9.36	106	85291	5.135	ug/L		95
54) o-Xylene	9.76	106	82127	5.186	ug/L		96
55) Styrene	9.77	104	147571	5.347	ug/L		100
56) Isopropylbenzene	10.15	105	214275	5.090	ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.44	83	51997	5.475	ug/L		98
59) 1,2,3-Trichloropropane	10.48	75	37132	5.488	ug/L		98
61) Bromoform	9.94	173	26025	5.777	ug/L		98
62) 1,3-Dichlorobenzene	11.40	146	101014	5.160	ug/L		99
63) 1,4-Dichlorobenzene	11.49	146	105232	5.105	ug/L		100
65) 1,2-Dichlorobenzene	11.86	146	102225	5.260	ug/L		100
66) 1,2-Dibromo-3-chloropropan	12.64	75	8615	5.857	ug/L		87
67) 1,3,5-Trichlorobenzene	12.87	180	76134	4.949	ug/L		99
68) 1,2,4-trichlorobenzene	13.49	180	61140	4.921	ug/L		98
69) Naphthalene	13.73	128	104277	4.954	ug/L		100
70) 1,2,3-Trichlorobenzene	13.98	180	61513	5.254	ug/L		96

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071619\
Data File : VU033275.D
Acq On : 16 Jul 2019 20:15
Operator : JC/SP
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD00514

Quant Time: Jul 17 04:50:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR071619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 17 04:42:24 2019
Response via : Initial Calibration