Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111618\
Data File : VU028216.D
Acq On : 17 Nov 2018 04:52
Operator : MD/SY
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00513

Quant Time: Nov 17 05:58:57 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 17 03:46:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	142523	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	140338	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	69485	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	62839	5.31	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 106.20%			
7) Chloroethane-d5	1.68	69	49853	5.31	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 106.20%			
11) 1,1-Dichloroethene-d2	2.28	63	118174	5.35	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 107.00%			
20) 2-Butanone-d5	4.20	46	206570	60.22	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 120.44%			
24) Chloroform-d	4.65	84	104414	5.55	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 111.00%			
26) 1,2-Dichloroethane-d4	5.31	65	60141	5.73	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 114.60%			
32) Benzene-d6	5.34	84	211108	5.24	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.80%			
36) 1,2-Dichloropropane-d6	6.33	67	76649	5.32	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 106.40%			
41) Toluene-d8	7.57	98	188540	5.03	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.60%			
43) trans-1,3-Dichloropropene-	7.85	79	23494	4.57	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 91.40%			
46) 2-Hexanone-d5	8.31	63	153648	52.33	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 104.66%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	51490	5.05	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.00%			
64) 1,2-Dichlorobenzene-d4	11.86	152	64314	4.95	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 99.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	65144	5.182	ug/L	99
3) Chloromethane	1.33	50	78846	4.907	ug/L	99
5) Vinyl chloride	1.40	62	78200	5.123	ug/L	100
6) Bromomethane	1.63	94	47781	6.535	ug/L	99
8) Chloroethane	1.70	64	44433	4.835	ug/L	99
9) Trichlorofluoromethane	1.89	101	91034	5.467	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	47280	5.058	ug/L	97
12) 1,1-Dichloroethene	2.29	96	45778	4.831	ug/L	87
13) Acetone	2.33	43	136325	59.010	ug/L	97
14) Carbon disulfide	2.48	76	143568	4.518	ug/L	97
15) Methyl Acetate	2.62	43	32375	5.240	ug/L	97
16) Methylene chloride	2.70	84	66621	5.950	ug/L	95
17) Methyl tert-butyl Ether	3.01	73	138697	5.235	ug/L	98
18) trans-1,2-Dichloroethene	2.99	96	49272	4.890	ug/L	95
19) 1,1-Dichloroethane	3.45	63	111588	5.266	ug/L	100
21) 2-Butanone	4.28	43	216247	59.313	ug/L	99
22) cis-1,2-Dichloroethene	4.23	96	59181	5.328	ug/L	95

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111618\
Data File : VU028216.D
Acq On : 17 Nov 2018 04:52
Operator : MD/SY
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00513

Quant Time: Nov 17 05:58:57 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 17 03:46:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
23) Bromochloromethane	4.55	128	22447	5.114 ug/L		89
25) Chloroform	4.68	83	109324	5.752 ug/L		96
27) 1,2-Dichloroethane	5.41	62	73554	5.888 ug/L		97
29) 1,1,1-Trichloroethane	4.92	97	81316	5.119 ug/L		98
30) Cyclohexane	5.00	56	107078	4.808 ug/L		98
31) Carbon tetrachloride	5.13	117	67812	5.144 ug/L		97
33) Benzene	5.39	78	240530	5.088 ug/L		100
34) Trichloroethene	6.19	95	68980	5.903 ug/L		97
35) Methylcyclohexane	6.42	83	91560	4.558 ug/L		93
37) 1,2-Dichloropropane	6.43	63	69411	5.309 ug/L		100
38) Bromodichloromethane	6.76	83	70223	5.048 ug/L		98
39) cis-1,3-Dichloropropene	7.27	75	83087	4.700 ug/L		96
40) 4-Methyl-2-pentanone	7.47	43	510431	56.693 ug/L		96
42) Toluene	7.64	91	246453	5.056 ug/L		98
44) trans-1,3-Dichloropropene	7.88	75	64184	4.634 ug/L		99
45) 1,1,2-Trichloroethane	8.07	97	42226	5.350 ug/L		98
47) Tetrachloroethene	8.23	164	40667	4.281 ug/L		97
48) 2-Hexanone	8.37	43	371040	57.918 ug/L		98
49) Dibromochloromethane	8.48	129	41896	4.986 ug/L		96
50) 1,2-Dibromoethane	8.59	107	38366	5.163 ug/L		95
51) Chlorobenzene	9.12	112	142729	5.007 ug/L		96
52) Ethylbenzene	9.25	91	264827	4.977 ug/L		99
53) m,p-xylene	9.38	106	95260	4.914 ug/L		96
54) o-xylene	9.78	106	93469	5.008 ug/L		96
55) Styrene	9.79	104	158928	5.036 ug/L		99
56) Isopropylbenzene	10.17	105	247593	4.905 ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.46	83	45000	4.423 ug/L	#	98
59) 1,2,3-Trichloropropane	10.49	75	39334	5.356 ug/L		98
61) Bromoform	9.96	173	21834	4.647 ug/L		97
62) 1,3-Dichlorobenzene	11.42	146	106272	4.837 ug/L		96
63) 1,4-Dichlorobenzene	11.51	146	110103	4.951 ug/L		100
65) 1,2-Dichlorobenzene	11.88	146	102398	4.874 ug/L		97
66) 1,2-Dibromo-3-chloropropan	12.66	75	8060	5.287 ug/L		85
67) 1,3,5-Trichlorobenzene	12.89	180	82863	4.916 ug/L		99
68) 1,2,4-trichlorobenzene	13.50	180	71255	4.850 ug/L		98
69) Naphthalene	13.74	128	130102	4.752 ug/L		98
70) 1,2,3-Trichlorobenzene	13.99	180	66819	4.937 ug/L		100

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111618\
Data File : VU028216.D
Acq On : 17 Nov 2018 04:52
Operator : MD/SY
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD00513

Quant Time: Nov 17 05:58:57 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 17 03:46:40 2018
Response via : Initial Calibration