Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM091817\
Data File : BM011580.D
Acq On : 18 Sep 2017 21:49
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02022

Manual Integrations APPROVED
Sohil
9/19/2017 5:34:18 PM

Quant Time: Sep 19 03:47:00 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 19 02:31:02 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	394907	20.00	ng/ul	0.00
18) Naphthalene-d8	10.77	136	1813260	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.60	164	1078388	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.34	188	2406262	20.00	ng/ul	0.00
78) Chrysene-d12	21.50	240	2780526	20.00	ng/ul	0.00
86) Perylene-d12	23.87	264	2339089	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.39	96	71953	8.20	ng/uL	0.00
5) Phenol-d5	7.12	99	758349	20.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.29	67	543592	21.27	ng/ul	0.00
9) 2-Chlorophenol-d4	7.50	132	572201	20.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.67	113	584254	19.74	ng/ul	0.00
19) Nitrobenzene-d5	9.13	128	282360	20.51	ng/ul	0.00
22) 2-Nitrophenol-d4	9.86	143	287890	20.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.39	165	576112	20.00	ng/ul	0.00
29) 4-Chloroaniline-d4	10.91	131	757659	23.83	ng/ul	0.00
44) Dimethylphthalate-d6	14.00	166	1771606	19.43	ng/ul	0.00
47) Acenaphthylene-d8	14.29	160	2210046	20.04	ng/ul	0.00
52) 4-Nitrophenol-d4	14.79	143	308351	18.00	ng/ul	0.00
58) Fluorene-d10	15.59	176	1559150	19.74	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.70	200	248898	17.78	ng/ul	0.00
71) Anthracene-d10	17.44	188	2387754	20.15	ng/ul	0.00
79) Pyrene-d10	19.72	212	2605571	20.01	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.72	264	2263696	20.31	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.43	88	78428	8.150	ng/uL#	66
4) Benzaldehyde	7.11	77	426937	19.704	ng/ul	99
6) Phenol	7.15	94	755775	20.079	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.39	93	599143	20.219	ng/ul#	83
10) 2-Chlorophenol	7.53	128	553795	19.865	ng/ul#	89
11) 2-Methylphenol	8.40	108	564755	19.788	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.50	45	1120772	23.334	ng/ul#	91
14) Acetophenone	8.79	105	909846	20.108	ng/ul#	91
15) N-Nitroso-di-n-propylamine	8.77	70	519973	21.415	ng/ul#	73
16) 4-Methylphenol	8.73	108	630805	20.200	ng/ul	93
17) Hexachloroethane	9.05	117	218141	20.469	ng/ul	82
20) Nitrobenzene	9.17	77	701907	21.686	ng/ul	97
21) Isophorone	9.70	82	1359220	20.857	ng/ul#	96
23) 2-Nitrophenol	9.89	139	303647	20.196	ng/ul#	89
24) 2,4-Dimethylphenol	9.93	107	666340	20.713	ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.17	93	860943	20.261	ng/ul	98
27) 2,4-Dichlorophenol	10.42	162	550903	19.837	ng/ul	96
28) Naphthalene	10.83	128	1896603	20.171	ng/ul	99
30) 4-Chloroaniline	10.93	127	722538	23.922	ng/ul	96
31) Hexachlorobutadiene	11.10	225	323251	20.508	ng/ul	97
32) Caprolactam	11.71	113	152130m	17.401	ng/ul	
33) 4-Chloro-3-methylphenol	12.05	107	603215	20.487	ng/ul	94
34) 2-Methylnaphthalene	12.43	142	1395903	19.991	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.65	142	1326531	19.946	ng/ul	96
37) 1,2,4,5-Tetrachlorobenzene	12.79	216	653241	20.421	ng/ul#	96
38) Hexachlorocyclopentadiene	12.77	237	347917	19.404	ng/ul	98
39) 2,4,6-Trichlorophenol	13.03	196	429794	19.734	ng/ul	99
40) 2,4,5-Trichlorophenol	13.10	196	433362	19.624	ng/ul	96
41) 1,1'-Biphenyl	13.43	154	1794578	19.998	ng/ul#	94
42) 2-Chloronaphthalene	13.48	162	1343639	19.900	ng/ul	99
43) 2-Nitroaniline	13.68	65	467162	22.276	ng/ul#	79
45) Dimethylphthalate	14.05	163	1672196	19.158	ng/ul#	98
46) 2,6-Dinitrotoluene	14.17	165	309305	20.065	ng/ul	91
48) Acenaphthylene	14.32	152	2228017	20.077	ng/ul	100
49) 3-Nitroaniline	14.50	138	350078	18.417	ng/ul	96
50) Acenaphthene	14.66	153	1490768	19.882	ng/ul	98
51) 2,4-Dinitrophenol	14.70	184	154078	16.177	ng/ul#	63
53) 4-Nitrophenol	14.80	109	220314	20.008	ng/ul#	59
54) Dibenzofuran	15.00	168	2076006	19.793	ng/ul	98
55) 2,4-Dinitrotoluene	14.96	165	449953	19.856	ng/ul#	71
56) 2,3,4,6-Tetrachlorophenol	15.22	232	398360	19.793	ng/ul#	80
57) Diethylphthalate	15.41	149	1780407	19.600	ng/ul	95
59) Fluorene	15.64	166	1775758	20.201	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.63	204	829594	20.142	ng/ul#	89
61) 4-Nitroaniline	15.66	138	361644	17.761	ng/ul	88
64) 4,6-Dinitro-2-methylphenol	15.72	198	252289	17.585	ng/ul#	88
65) N-Nitrosodiphenylamine	15.84	169	1437760	19.616	ng/ul	97
66) 4-Bromophenyl-phenylether	16.53	248	485734	19.764	ng/ul	92
67) Hexachlorobenzene	16.64	284	524358	19.382	ng/ul#	86
68) Atrazine	16.79	200	494561	19.474	ng/ul	96
69) Pentachlorophenol	16.99	266	310021	17.847	ng/ul	99
70) Phenanthrene	17.38	178	2679931	19.981	ng/ul	99
72) Anthracene	17.47	178	2795485	20.312	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.40	216	656249	20.466	ng/uL	97
74) Pentachlorobenzene	14.92	250	646119	19.868	ng/uL	100
75) Carbazole	17.74	167	2440373	20.784	ng/ul	98
76) Di-n-butylphthalate	18.29	149	3150451	20.428	ng/ul	100
77) Fluoranthene	19.39	202	3103446	22.496	ng/ul#	88
80) Pyrene	19.75	202	3322850	20.483	ng/ul#	85
81) Butylbenzylphthalate	20.63	149	1438698	19.284	ng/ul	91
82) 3,3'-Dichlorobenzidine	21.42	252	1000808	19.820	ng/ul#	95
83) Benzo(a)anthracene	21.49	228	3138725	20.502	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.40	149	2250623	19.643	ng/ul#	96
85) Chrysene	21.54	228	2802744	20.194	ng/ul	99
87) Di-n-octyl phthalate	22.31	149	3814868	22.980	ng/ul	100
88) Benzo(b)fluoranthene	23.15	252	2824755	20.074	ng/ul#	95
89) Benzo(k)fluoranthene	23.20	252	2870207	21.238	ng/ul#	95
91) Benzo(a)pyrene	23.77	252	2713483	20.430	ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	26.31	276	2762264	18.906	ng/ul#	83
93) Dibenzo(a,h)anthracene	26.31	278	2317051	18.702	ng/ul#	94
94) Benzo(g,h,i)perylene	27.06	276	2186237	18.477	ng/ul#	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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