Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092217\
Data File : BM011698.D
Acq On : 22 Sep 2017 18:35
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02035

Manual Integrations APPROVED
Sohil
9/25/2017 6:23:42 PM

Quant Time: Sep 23 01:46:31 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 22 23:48:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	366242	20.00	ng/ul	0.00
18) Naphthalene-d8	10.77	136	1633342	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.59	164	860068	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.33	188	1683326	20.00	ng/ul	0.00
78) Chrysene-d12	21.50	240	1177292	20.00	ng/ul	0.00
86) Perylene-d12	23.87	264	1158703	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.39	96	60814	7.47	ng/uL	0.00
5) Phenol-d5	7.11	99	692353	19.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.29	67	498245	21.02	ng/ul	0.00
9) 2-Chlorophenol-d4	7.49	132	550159	20.76	ng/ul	0.00
13) 4-Methylphenol-d8	8.66	113	537549	19.58	ng/ul	0.00
19) Nitrobenzene-d5	9.13	128	266315	21.48	ng/ul	0.00
22) 2-Nitrophenol-d4	9.85	143	283681	22.01	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.38	165	528449	20.37	ng/ul	0.00
29) 4-Chloroaniline-d4	10.90	131	674028	23.54	ng/ul	0.00
44) Dimethylphthalate-d6	13.99	166	1425236	19.60	ng/ul	0.00
47) Acenaphthylene-d8	14.29	160	1828629	20.79	ng/ul	0.00
52) 4-Nitrophenol-d4	14.78	143	234523	17.16	ng/ul	0.00
58) Fluorene-d10	15.58	176	1210541	19.22	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.70	200	183091	18.69	ng/ul	0.00
71) Anthracene-d10	17.43	188	1694724	20.44	ng/ul	0.00
79) Pyrene-d10	19.72	212	1495370	27.13	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.72	264	1117527	20.24	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.42	88	67355	7.548	ng/uL#	59
4) Benzaldehyde	7.10	77	426488	21.224	ng/ul	95
6) Phenol	7.14	94	709129	20.314	ng/ul#	90
8) Bis(2-Chloroethyl)ether	7.37	93	552010	20.086	ng/ul#	83
10) 2-Chlorophenol	7.52	128	523300	20.240	ng/ul#	89
11) 2-Methylphenol	8.39	108	514125	19.424	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.49	45	1088784	24.442	ng/ul#	91
14) Acetophenone	8.79	105	849685	20.248	ng/ul#	89
15) N-Nitroso-di-n-propylamine	8.77	70	486848	21.620	ng/ul#	70
16) 4-Methylphenol	8.72	108	563293	19.450	ng/ul	95
17) Hexachloroethane	9.04	117	221022	22.362	ng/ul#	78
20) Nitrobenzene	9.17	77	688033	23.599	ng/ul	97
21) Isophorone	9.69	82	1260503	21.473	ng/ul	97
23) 2-Nitrophenol	9.88	139	290757	21.469	ng/ul#	87
24) 2,4-Dimethylphenol	9.93	107	626310	21.614	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.17	93	743584	19.427	ng/ul	97
27) 2,4-Dichlorophenol	10.41	162	504235	20.156	ng/ul	98
28) Naphthalene	10.82	128	1690822	19.963	ng/ul	98
30) 4-Chloroaniline	10.92	127	641535	23.580	ng/ul	96
31) Hexachlorobutadiene	11.09	225	325188	22.903	ng/ul	96
32) Caprolactam	11.70	113	147524m	18.733	ng/ul	
33) 4-Chloro-3-methylphenol	12.03	107	538656	20.309	ng/ul	98
34) 2-Methylnaphthalene	12.42	142	1184195	18.827	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.64	142	1129012	18.846	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.79	216	600528	23.538	ng/ul#	96
38) Hexachlorocyclopentadiene	12.76	237	274334	19.184	ng/ul#	97
39) 2,4,6-Trichlorophenol	13.03	196	392918	22.620	ng/ul	99
40) 2,4,5-Trichlorophenol	13.10	196	391104	22.206	ng/ul	98
41) 1,1'-Biphenyl	13.43	154	1462152	20.430	ng/ul#	94
42) 2-Chloronaphthalene	13.47	162	1133693	21.052	ng/ul	98
43) 2-Nitroaniline	13.67	65	413149	24.701	ng/ul#	78
45) Dimethylphthalate	14.04	163	1355541	19.472	ng/ul#	99
46) 2,6-Dinitrotoluene	14.17	165	265133	21.565	ng/ul#	88
48) Acenaphthylene	14.32	152	1800052	20.338	ng/ul	99
49) 3-Nitroaniline	14.50	138	287389	18.957	ng/ul	96
50) Acenaphthene	14.66	153	1195158	19.985	ng/ul	99
51) 2,4-Dinitrophenol	14.70	184	121068	15.938	ng/ul#	57
53) 4-Nitrophenol	14.79	109	200014	22.775	ng/ul#	76
54) Dibenzofuran	14.99	168	1659418	19.838	ng/ul	99
55) 2,4-Dinitrotoluene	14.95	165	355493	19.669	ng/ul#	58
56) 2,3,4,6-Tetrachlorophenol	15.22	232	339893	21.175	ng/ul#	83
57) Diethylphthalate	15.40	149	1364017	18.828	ng/ul	96
59) Fluorene	15.64	166	1343790	19.168	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.63	204	663821	20.209	ng/ul	92
61) 4-Nitroaniline	15.66	138	288780	17.783	ng/ul	92
64) 4,6-Dinitro-2-methylphenol	15.72	198	188608	18.792	ng/ul#	87
65) N-Nitrosodiphenylamine	15.84	169	1082603	21.114	ng/ul	98
66) 4-Bromophenyl-phenylether	16.52	248	391368	22.763	ng/ul	96
67) Hexachlorobenzene	16.64	284	422375	22.317	ng/ul#	89
68) Atrazine	16.79	200	375448	21.133	ng/ul	95
69) Pentachlorophenol	16.98	266	236852	19.490	ng/ul	97
70) Phenanthrene	17.37	178	1875625	19.990	ng/ul	99
72) Anthracene	17.47	178	1934799	20.096	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.39	216	583373	26.007	ng/uL	98
74) Pentachlorobenzene	14.91	250	561107	24.664	ng/uL	98
75) Carbazole	17.73	167	1608708	19.585	ng/ul	98
76) Di-n-butylphthalate	18.28	149	2133644	19.777	ng/ul	99
77) Fluoranthene	19.39	202	1822790	18.888	ng/ul#	93
80) Pyrene	19.74	202	1846832	26.887	ng/ul#	89
81) Butylbenzylphthalate	20.63	149	770155	24.381	ng/ul	90
82) 3,3'-Dichlorobenzidine	21.42	252	378424	17.700	ng/ul#	94
83) Benzo(a)anthracene	21.49	228	1418040	21.876	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.39	149	1107271	22.825	ng/ul#	95
85) Chrysene	21.54	228	1270880	21.626	ng/ul	99
87) Di-n-octyl phthalate	22.30	149	1639925	19.942	ng/ul	100
88) Benzo(b)fluoranthene	23.15	252	1361037	19.525	ng/ul#	98
89) Benzo(k)fluoranthene	23.20	252	1277625	19.084	ng/ul#	98
91) Benzo(a)pyrene	23.77	252	1316686	20.012	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	26.30	276	1608348	22.222	ng/ul#	88
93) Dibenzo(a,h)anthracene	26.31	278	1368083	22.292	ng/ul#	96
94) Benzo(g,h,i)perylene	27.05	276	1352716	23.078	ng/ul#	94

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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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