Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092717\
Data File : BM011756.D
Acq On : 28 Sep 2017 11:01
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02048

Manual Integrations APPROVED
Sohil
9/29/2017 2:23:29 PM

Quant Time: Sep 28 15:49:32 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM092717.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 28 05:09:12 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	280689	20.00	ng/ul	0.00
18) Naphthalene-d8	10.75	136	1226364	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.57	164	648413	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.32	188	1304560	20.00	ng/ul	0.00
75) Chrysene-d12	21.48	240	951047	20.00	ng/ul	0.00
83) Perylene-d12	23.84	264	880373	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.36	96	44654	7.09	ng/uL	0.00
5) Phenol-d5	7.09	99	505405	18.31	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.26	67	378389	18.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.46	132	413866	20.15	ng/ul	0.00
13) 4-Methylphenol-d8	8.64	113	394234	18.23	ng/ul	0.00
19) Nitrobenzene-d5	9.10	128	196581	20.55	ng/ul	0.00
22) 2-Nitrophenol-d4	9.82	143	211250	20.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.36	165	393502	20.21	ng/ul	0.00
29) 4-Chloroaniline-d4	10.88	131	471365	21.90	ng/ul	0.00
43) Dimethylphthalate-d6	13.97	166	1066973	19.19	ng/ul	0.00
46) Acenaphthylene-d8	14.27	160	1350226	20.08	ng/ul	0.00
51) 4-Nitrophenol-d4	14.76	143	163892	17.24	ng/ul	0.00
57) Fluorene-d10	15.56	176	904630	18.89	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.69	200	134138	15.18	ng/ul	0.00
70) Anthracene-d10	17.42	188	1293095	19.48	ng/ul	0.00
76) Pyrene-d10	19.70	212	1195184	26.33	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.69	264	823368	19.53	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.40	88	50698	7.235	ng/uL	95
4) Benzaldehyde	7.08	77	308347	22.776	ng/ul	97
6) Phenol	7.12	94	516340	18.493	ng/ul	89
8) Bis(2-Chloroethyl)ether	7.36	93	410657	19.131	ng/ul#	78
10) 2-Chlorophenol	7.50	128	395837	19.752	ng/ul#	84
11) 2-Methylphenol	8.37	108	378608	18.465	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.47	45	890896	19.377	ng/ul#	96
14) Acetophenone	8.76	105	636074	18.306	ng/ul#	89
15) N-Nitroso-di-n-propylamine	8.75	70	367776	18.752	ng/ul	93
16) 4-Methylphenol	8.70	108	415533	18.436	ng/ul	93
17) Hexachloroethane	9.02	117	178861	20.239	ng/ul#	68
20) Nitrobenzene	9.15	77	528779	20.084	ng/ul	99
21) Isophorone	9.67	82	948716	19.209	ng/ul#	96
23) 2-Nitrophenol	9.86	139	219420	20.655	ng/ul#	88
24) 2,4-Dimethylphenol	9.90	107	475064	19.644	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.15	93	555881	19.439	ng/ul	94
27) 2,4-Dichlorophenol	10.39	162	372724	20.126	ng/ul#	87
28) Naphthalene	10.79	128	1238583	19.323	ng/ul	99
30) 4-Chloroaniline	10.90	127	449815	21.604	ng/ul	95
31) Hexachlorobutadiene	11.07	225	267277	20.501	ng/ul	94
32) Caprolactam	11.67	113	108479m	18.079	ng/ul	
33) 4-Chloro-3-methylphenol	12.02	107	395682	18.872	ng/ul	99
34) 2-Methylnaphthalene	12.40	142	862466	18.981	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.77	216	462157	21.084 ng/ul#	98
37) Hexachlorocyclopentadiene	12.74	237	192457	13.661 ng/ul	99
38) 2,4,6-Trichlorophenol	13.00	196	295583	20.999 ng/ul	97
39) 2,4,5-Trichlorophenol	13.07	196	307293	21.087 ng/ul	99
40) 1,1'-Biphenyl	13.40	154	1072715	20.087 ng/ul#	97
41) 2-Chloronaphthalene	13.45	162	836687	20.446 ng/ul	96
42) 2-Nitroaniline	13.66	65	309756	20.584 ng/ul	86
44) Dimethylphthalate	14.02	163	1018339	19.145 ng/ul	99
45) 2,6-Dinitrotoluene	14.15	165	197555	20.169 ng/ul#	94
47) Acenaphthylene	14.30	152	1340574	19.871 ng/ul	99
48) 3-Nitroaniline	14.48	138	192786	19.246 ng/ul#	91
49) Acenaphthene	14.64	153	883344	19.226 ng/ul	98
50) 2,4-Dinitrophenol	14.69	184	84529	13.146 ng/ul#	69
52) 4-Nitrophenol	14.77	109	158448	17.042 ng/ul	98
53) Dibenzofuran	14.97	168	1215856	19.267 ng/ul	96
54) 2,4-Dinitrotoluene	14.93	165	266856	19.093 ng/ul#	82
55) 2,3,4,6-Tetrachlorophenol	15.20	232	263164	19.578 ng/ul#	87
56) Diethylphthalate	15.38	149	1043597	18.659 ng/ul	93
58) Fluorene	15.62	166	995804	18.636 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.61	204	513685	19.118 ng/ul	97
60) 4-Nitroaniline	15.64	138	203588	18.522 ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.70	198	134702	15.012 ng/ul	96
64) N-Nitrosodiphenylamine	15.82	169	804953	20.874 ng/ul	98
65) 4-Bromophenyl-phenylether	16.50	248	298878	20.829 ng/ul	94
66) Hexachlorobenzene	16.62	284	329419	20.661 ng/ul#	86
67) Atrazine	16.77	200	289173	19.342 ng/ul	93
68) Pentachlorophenol	16.96	266	190252	18.126 ng/ul	98
69) Phenanthrene	17.36	178	1402855	19.214 ng/ul	98
71) Anthracene	17.45	178	1461664	19.430 ng/ul	98
72) Carbazole	17.72	167	1185590	17.990 ng/ul	98
73) Di-n-butylphthalate	18.26	149	1688522	19.894 ng/ul	98
74) Fluoranthene	19.37	202	1460632	16.385 ng/ul#	91
77) Pyrene	19.73	202	1463470	25.822 ng/ul#	86
78) Butylbenzylphthalate	20.61	149	653779	27.599 ng/ul#	96
79) 3,3'-Dichlorobenzidine	21.40	252	299048	16.537 ng/ul#	98
80) Benzo(a)anthracene	21.47	228	1114955	20.955 ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.37	149	942313	26.650 ng/ul#	93
82) Chrysene	21.52	228	1004812	20.023 ng/ul	97
84) Di-n-octyl phthalate	22.29	149	1430494	21.024 ng/ul#	85
85) Benzo(b)fluoranthene	23.13	252	1022704	19.689 ng/ul#	97
86) Benzo(k)fluoranthene	23.17	252	983722	18.564 ng/ul#	96
88) Benzo(a)pyrene	23.74	252	1000035	19.933 ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	26.27	276	1173908	22.474 ng/ul#	91
90) Dibenzo(a,h)anthracene	26.28	278	980914	22.422 ng/ul#	95
91) Benzo(g,h,i)perylene	27.01	276	1001364	23.096 ng/ul#	92

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

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