Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM110517\
Data File : BM012756.D
Acq On : 06 Nov 2017 01:15
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02098

Quant Time: Nov 06 06:48:01 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 06 06:44:10 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	106801	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	457320	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	310868	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	779200	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	892592	20.00	ng/ul	0.00
85) Perylene-d12	23.66	264	783842	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	14089	7.13	ng/uL	0.00
5) Phenol-d5	6.99	99	153362	19.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	82952	19.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	128783	19.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	140137	20.43	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	64528	19.10	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	76092	19.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	155354	19.60	ng/ul	0.00
29) 4-Chloroaniline-d4	10.74	131	182131	23.81	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	496361	19.30	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	609159	19.14	ng/ul	0.00
51) 4-Nitrophenol-d4	14.66	143	82533	20.02	ng/ul	0.00
57) Fluorene-d10	15.44	176	426897	19.37	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	77850	15.13	ng/ul	0.00
70) Anthracene-d10	17.29	188	705908	18.75	ng/ul	0.00
78) Pyrene-d10	19.58	212	807573	19.50	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.51	264	704632	19.01	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.33	88	15353	6.919	ng/uL#	94
4) Benzaldehyde	6.96	77	94481	22.354	ng/ul	95
6) Phenol	7.01	94	157517	19.309	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.23	93	118876	19.441	ng/ul	99
10) 2-Chlorophenol	7.37	128	130309	19.109	ng/ul	98
11) 2-Methylphenol	8.26	108	122186	19.684	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.35	45	102564	20.302	ng/ul#	92
14) Acetophenone	8.63	105	208237	20.176	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.62	70	103888	20.938	ng/ul	98
16) 4-Methylphenol	8.58	108	139047	20.639	ng/ul	97
17) Hexachloroethane	8.88	117	50196	18.287	ng/ul#	79
20) Nitrobenzene	9.01	77	148467	18.668	ng/ul	98
21) Isophorone	9.53	82	289346	20.204	ng/ul	99
23) 2-Nitrophenol	9.72	139	81458	19.568	ng/ul	96
24) 2,4-Dimethylphenol	9.78	107	164489	19.427	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.01	93	173823	19.470	ng/ul	98
27) 2,4-Dichlorophenol	10.25	162	150109	19.433	ng/ul	97
28) Naphthalene	10.65	128	429692	18.794	ng/ul	99
30) 4-Chloroaniline	10.76	127	183519	23.864	ng/ul	98
31) Hexachlorobutadiene	10.93	225	107974	17.773	ng/ul	98
32) Caprolactam	11.54	113	48917	22.517	ng/ul	95
33) 4-Chloro-3-methylphenol	11.89	107	158076	21.046	ng/ul	98
34) 2-Methylnaphthalene	12.26	142	342893	19.624	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.63	216	210801	17.516	ng/ul#	97
37) Hexachlorocyclopentadiene	12.61	237	168722	27.528	ng/ul	98
38) 2,4,6-Trichlorophenol	12.88	196	144029	18.939	ng/ul	99
39) 2,4,5-Trichlorophenol	12.96	196	150900	19.018	ng/ul	99
40) 1,1'-Biphenyl	13.27	154	471081	18.320	ng/ul	99
41) 2-Chloronaphthalene	13.32	162	372310	18.327	ng/ul	94
42) 2-Nitroaniline	13.53	65	96037	20.008	ng/ul	92
44) Dimethylphthalate	13.90	163	496589	19.453	ng/ul	99
45) 2,6-Dinitrotoluene	14.03	165	103240	20.204	ng/ul	92
47) Acenaphthylene	14.17	152	587150	19.036	ng/ul	100
48) 3-Nitroaniline	14.36	138	100653	23.360	ng/ul	99
49) Acenaphthene	14.51	153	394742	18.788	ng/ul	98
50) 2,4-Dinitrophenol	14.57	184	70870	22.205	ng/ul	88
52) 4-Nitrophenol	14.67	109	69874	19.212	ng/ul	94
53) Dibenzofuran	14.84	168	582178	18.998	ng/ul	93
54) 2,4-Dinitrotoluene	14.82	165	153658	20.447	ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	15.08	232	145511	19.756	ng/ul#	83
56) Diethylphthalate	15.27	149	489093	19.726	ng/ul	97
58) Fluorene	15.50	166	490341	19.262	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.49	204	266781	18.862	ng/ul#	86
60) 4-Nitroaniline	15.52	138	111757	22.283	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.59	198	85014	15.696	ng/ul#	90
64) N-Nitrosodiphenylamine	15.70	169	429886	18.273	ng/ul	99
65) 4-Bromophenyl-phenylether	16.38	248	185301	18.304	ng/ul#	84
66) Hexachlorobenzene	16.50	284	208979	18.283	ng/ul#	84
67) Atrazine	16.66	200	182289	19.408	ng/ul	97
68) Pentachlorophenol	16.85	266	117495	17.991	ng/ul	100
69) Phenanthrene	17.23	178	805941	18.923	ng/ul	98
71) Anthracene	17.33	178	835191	18.913	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.25	216	208074	16.337	ng/uL	99
73) Pentachlorobenzene	14.77	250	223841	17.174	ng/uL	100
74) Carbazole	17.60	167	710133	19.281	ng/ul	98
75) Di-n-butylphthalate	18.16	149	845374	19.589	ng/ul	100
76) Fluoranthene	19.25	202	1002863	19.595	ng/ul#	92
79) Pyrene	19.61	202	1046035	19.642	ng/ul#	93
80) Butylbenzylphthalate	20.51	149	398210	20.505	ng/ul#	92
81) 3,3'-Dichlorobenzidine	21.29	252	341192	17.282	ng/ul#	99
82) Benzo(a)anthracene	21.36	228	1020376	18.892	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.28	149	585572	20.698	ng/ul#	96
84) Chrysene	21.41	228	911361	18.618	ng/ul	99
86) Di-n-octyl phthalate	22.17	149	950865	23.061	ng/ul	97
87) Benzo(b)fluoranthene	22.97	252	929141	19.397	ng/ul#	96
88) Benzo(k)fluoranthene	23.01	252	907717	19.936	ng/ul#	97
90) Benzo(a)pyrene	23.56	252	861129	18.893	ng/ul#	96
91) Indeno(1,2,3-cd)pyrene	25.97	276	924586	16.831	ng/ul#	89
92) Dibenzo(a,h)anthracene	25.97	278	782220	16.821	ng/ul#	93
93) Benzo(g,h,i)perylene	26.67	276	752464	16.623	ng/ul#	89

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

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