Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121417\
Data File : BF101417.D
Acq On : 15 Dec 2017 2:04
Operator : SJ/JU
Sample : I6828-05MS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DBEW-2-4-10MS

Manual Integrations APPROVED
Sohil
12/15/2017 6:44:54 PM

Quant Time: Dec 15 05:16:10 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 14 15:42:32 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	197252	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	797834	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	359656	20.00	ng		0.00
63) Phenanthrene-d10	11.34	188	655237	20.00	ng		0.00
75) Chrysene-d12	14.00	240	428363	20.00	ng		0.00
86) Perylene-d12	15.46	264	384665	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1203664	90.90	ng		0.01
7) Phenol-d6	6.46	99	1479826	89.79	ng		0.00
23) Nitrobenzene-d5	7.39	82	957966	66.84	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	333906	96.35	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	1410243	60.83	ng		0.00
78) Terphenyl-d14	12.93	244	1352160	76.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	195226	28.692	ng		97
3) Pyridine	3.40	79	514152	27.197	ng		97
4) n-Nitrosodimethylamine	3.36	42	281593	32.351	ng		96
6) Aniline	6.49	93	262399	11.457	ng		90
8) 2-Chlorophenol	6.60	128	445936	32.013	ng		97
9) Benzaldehyde	6.37	77	152197	12.505	ng		99
10) Phenol	6.47	94	626382	33.347	ng		98
11) bis(2-Chloroethyl)ether	6.56	93	468059	31.767	ng		97
12) 1,3-Dichlorobenzene	6.76	146	488092	31.046	ng		99
13) 1,4-Dichlorobenzene	6.83	146	496311	30.914	ng		99
14) 1,2-Dichlorobenzene	6.99	146	455643	31.530	ng		97
15) Benzyl Alcohol	6.96	79	354177	31.223	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	792337	35.138	ng		81
17) 2-Methylphenol	7.07	107	388378	30.310	ng		95
18) Hexachloroethane	7.32	117	173828	31.142	ng		98
19) n-Nitroso-di-n-propylamine	7.23	70	319199	29.493	ng		95
20) 3+4-Methylphenols	7.23	107	474405	34.939	ng	#	63
22) Acetophenone	7.23	105	579177	31.815	ng	#	88
24) Nitrobenzene	7.40	77	514449	32.432	ng		98
25) Isophorone	7.64	82	960554	33.408	ng		97
26) 2-Nitrophenol	7.72	139	247902	36.377	ng		97
27) 2,4-Dimethylphenol	7.76	122	414836	35.831	ng		100
28) bis(2-Chloroethoxy)methane	7.85	93	596738	32.673	ng		99
29) 2,4-Dichlorophenol	7.96	162	398320	34.824	ng		98
30) 1,2,4-Trichlorobenzene	8.04	180	387105	32.070	ng		97
31) Naphthalene	8.12	128	1300584	32.380	ng		100
32) Benzoic acid	7.86	122	21025	10.209	ng		99
33) 4-Chloroaniline	8.17	127	101644	5.822	ng		98
34) Hexachlorobutadiene	8.23	225	216219	30.971	ng		99
35) Caprolactam	8.55	113	132690m	33.409	ng		
36) 4-Chloro-3-methylphenol	8.67	107	416437	33.125	ng		100
37) 2-Methylnaphthalene	8.81	142	854785	32.664	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	369698	30.446	ng		98
40) Hexachlorocyclopentadiene	8.96	237	79594	44.548	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	252533	34.544	ng		100
43) 2,4,5-Trichlorophenol	9.15	196	266970	33.353	ng		96
45) 1,1'-Biphenyl	9.27	154	973562	30.523	ng		99
46) 2-Chloronaphthalene	9.30	162	779045	31.921	ng		97
47) 2-Nitroaniline	9.41	65	282716	33.533	ng		93
48) Acenaphthylene	9.72	152	1163178	30.175	ng		100
49) Dimethylphthalate	9.57	163	989956	34.220	ng		99
50) 2,6-Dinitrotoluene	9.65	165	197002	33.505	ng		94
51) Acenaphthene	9.89	154	699824	30.218	ng		100
52) 3-Nitroaniline	9.82	138	101744	13.879	ng		99
53) 2,4-Dinitrophenol	9.95	184	35262	25.318	ng	#	17
54) Dibenzofuran	10.06	168	955893	32.478	ng		98
55) 4-Nitrophenol	10.00	139	226832	70.964	ng		92
56) 2,4-Dinitrotoluene	10.06	165	224791	33.933	ng	#	82
57) Fluorene	10.40	166	800068	32.134	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.19	232	218896	38.063	ng		87
59) Diethylphthalate	10.27	149	876463	30.594	ng		98
60) 4-Chlorophenyl-phenylether	10.39	204	381633	31.983	ng		94
61) 4-Nitroaniline	10.44	138	192725	26.156	ng		97
62) Azobenzene	10.56	77	910185	30.670	ng		95
64) 4,6-Dinitro-2-methylphenol	10.47	198	75631	22.619	ng		94
65) n-Nitrosodiphenylamine	10.52	169	763646	31.563	ng		96
66) 4-Bromophenyl-phenylether	10.89	248	243967	33.137	ng	#	85
67) Hexachlorobenzene	10.96	284	248955	31.949	ng	#	90
68) Atrazine	11.05	200	235171	32.599	ng		97
69) Pentachlorophenol	11.16	266	203628	68.249	ng		96
70) Phenanthrene	11.37	178	1166663	32.017	ng		99
71) Anthracene	11.43	178	1192323	32.033	ng		99
72) Carbazole	11.58	167	1095336	31.431	ng		99
73) Di-n-butylphthalate	11.90	149	1335902	31.584	ng		100
74) Fluoranthene	12.56	202	1194284	31.225	ng		99
76) Benzidine	12.69	184	323772	17.896	ng		98
77) Pyrene	12.79	202	1195155	37.176	ng		100
79) Butylbenzylphthalate	13.40	149	553701	38.064	ng		99
80) Benzo(a)anthracene	13.99	228	931060	32.917	ng		99
81) 3,3'-Dichlorobenzidine	13.94	252	196201	21.273	ng	#	97
82) Chrysene	14.02	228	849773	31.819	ng		99
83) Bis(2-ethylhexyl)phthalate	13.95	149	712926	38.694	ng		100
84) Di-n-octyl phthalate	14.56	149	1120162	34.090	ng		97
85) Indeno(1,2,3-cd)pyrene	16.96	276	750507	31.558	ng		96
87) Benzo(b)fluoranthene	15.04	252	781639	33.338	ng		98
88) Benzo(k)fluoranthene	15.06	252	690888	30.307	ng		98
89) Benzo(a)pyrene	15.40	252	709182	32.811	ng		98
90) Dibenzo(a,h)anthracene	16.95	278	639842	34.479	ng		97
91) Benzo(g,h,i)perylene	17.39	276	645510	35.128	ng		96

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

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