Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091317\
Data File : BF098501.D
Acq On : 13 Sep 2017 20:42
Operator : SJ/JU
Sample : I5160-01MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-6-2MSD

Quant Time: Sep 14 05:08:41 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 02:14:50 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	175129	20.00	ng		-0.01
21) Naphthalene-d8	7.94	136	727319	20.00	ng		-0.01
38) Acenaphthene-d10	9.69	164	311534	20.00	ng		-0.01
63) Phenanthrene-d10	11.17	188	490360	20.00	ng		-0.02
75) Chrysene-d12	13.80	240	334440	20.00	ng		-0.01
86) Perylene-d12	15.20	264	333952	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	1216751	102.72	ng		0.00
7) Phenol-d6	6.32	99	1473640	97.99	ng		0.00
23) Nitrobenzene-d5	7.23	82	926422	71.01	ng		-0.01
41) 2,4,6-Tribromophenol	10.48	330	235004	113.02	ng		-0.01
44) 2-Fluorobiphenyl	9.02	172	1475109	80.25	ng		-0.02
78) Terphenyl-d14	12.75	244	932999	60.22	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.32	88	169856	27.784	ng		90
3) Pyridine	3.00	79	446164	27.481	ng	#	84
4) n-Nitrosodimethylamine	2.96	42	234162	29.419	ng		100
6) Aniline	6.32	93	498346	26.414	ng	#	32
8) 2-Chlorophenol	6.45	128	460983	35.393	ng		93
9) Benzaldehyde	6.20	77	306584	31.185	ng		92
10) Phenol	6.33	94	608644	34.843	ng		86
11) bis(2-Chloroethyl)ether	6.40	93	459074	34.857	ng		94
12) 1,3-Dichlorobenzene	6.60	146	466557	35.589	ng		99
13) 1,4-Dichlorobenzene	6.67	146	473082	35.230	ng		97
14) 1,2-Dichlorobenzene	6.83	146	436609	35.688	ng		98
15) Benzyl Alcohol	6.81	79	372014	37.169	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.94	45	692688	31.965	ng		57
17) 2-Methylphenol	6.93	107	370867	34.919	ng	#	88
18) Hexachloroethane	7.16	117	165691	32.219	ng	#	84
19) n-Nitroso-di-n-propylamine	7.08	70	320793	33.911	ng		97
20) 3+4-Methylphenols	7.09	107	490813	36.619	ng	#	67
22) Acetophenone	7.07	105	649300	34.541	ng	#	90
24) Nitrobenzene	7.25	77	489232	32.922	ng		99
25) Isophorone	7.49	82	866680	32.834	ng		99
26) 2-Nitrophenol	7.56	139	229778	38.296	ng	#	86
27) 2,4-Dimethylphenol	7.61	122	381170	33.325	ng		95
28) bis(2-Chloroethoxy)methane	7.70	93	562886	34.948	ng		99
29) 2,4-Dichlorophenol	7.82	162	361618	38.014	ng		98
30) 1,2,4-Trichlorobenzene	7.89	180	389247	37.616	ng		99
31) Naphthalene	7.96	128	1334473	37.115	ng		99
32) Benzoic acid	7.73	122	64029	14.929	ng		97
33) 4-Chloroaniline	8.02	127	451038	30.866	ng		97
34) Hexachlorobutadiene	8.07	225	198386	37.345	ng		97
35) Caprolactam	8.39	113	123071	37.518	ng	#	82
36) 4-Chloro-3-methylphenol	8.52	107	399276	33.845	ng	#	85
37) 2-Methylnaphthalene	8.65	142	867836	39.847	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.82	216	352424	36.317	ng		99
40) Hexachlorocyclopentadiene	8.80	237	38115	21.595	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.94	196	228584	40.103	ng		93
43) 2,4,5-Trichlorophenol	8.99	196	234034	39.282	ng		94
45) 1,1'-Biphenyl	9.12	154	998146	35.796	ng		98
46) 2-Chloronaphthalene	9.14	162	745070	37.414	ng	#	91
47) 2-Nitroaniline	9.25	65	270995	35.455	ng		96
48) Acenaphthylene	9.55	152	1071778	36.197	ng		99
49) Dimethylphthalate	9.42	163	1146928	47.560	ng		100
50) 2,6-Dinitrotoluene	9.49	165	188765	38.107	ng		95
51) Acenaphthene	9.73	154	671905	35.699	ng		98
52) 3-Nitroaniline	9.66	138	193293	32.325	ng		100
53) 2,4-Dinitrophenol	9.78	184	16190	14.702	ng	#	81
54) Dibenzofuran	9.90	168	942000	37.990	ng		99
55) 4-Nitrophenol	9.84	139	218956	63.734	ng	#	50
56) 2,4-Dinitrotoluene	9.90	165	215322	35.754	ng	#	62
57) Fluorene	10.24	166	708016	34.498	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.02	232	163081	40.730	ng		94
59) Diethylphthalate	10.12	149	825754	36.005	ng		97
60) 4-Chlorophenyl-phenylether	10.23	204	356558	37.614	ng	#	85
61) 4-Nitroaniline	10.27	138	194741	32.248	ng		85
62) Azobenzene	10.39	77	983420	39.785	ng		96
64) 4,6-Dinitro-2-methylphenol	10.31	198	24136	12.159	ng	#	72
65) n-Nitrosodiphenylamine	10.35	169	655395	41.162	ng		99
66) 4-Bromophenyl-phenylether	10.72	248	200233	43.024	ng		99
67) Hexachlorobenzene	10.79	284	182668	38.695	ng	#	86
68) Atrazine	10.89	200	198489	40.493	ng		100
69) Pentachlorophenol	10.99	266	134461	65.703	ng		96
70) Phenanthrene	11.20	178	1025481	39.448	ng		98
71) Anthracene	11.25	178	992208	37.176	ng		98
72) Carbazole	11.41	167	824175	33.135	ng		99
73) Di-n-butylphthalate	11.74	149	1149740	38.579	ng		99
74) Fluoranthene	12.38	202	938345	36.058	ng		100
76) Benzidine	12.50	184	329207	22.242	ng	#	92
77) Pyrene	12.61	202	935153	35.446	ng		98
79) Butylbenzylphthalate	13.23	149	381834	33.361	ng	#	76
80) Benzo(a)anthracene	13.80	228	784760	40.023	ng		99
81) 3,3'-Dichlorobenzidine	13.76	252	256502	33.662	ng	#	95
82) Chrysene	13.83	228	752372	37.960	ng		98
83) Bis(2-ethylhexyl)phthalate	13.79	149	511171	35.586	ng		99
84) Di-n-octyl phthalate	14.40	149	907989	36.842	ng		99
85) Indeno(1,2,3-cd)pyrene	16.54	276	558523	40.166	ng		99
87) Benzo(b)fluoranthene	14.82	252	876203	41.728	ng		99
88) Benzo(k)fluoranthene	14.84	252	679507	34.664	ng		96
89) Benzo(a)pyrene	15.15	252	696324	37.223	ng		98
90) Dibenzo(a,h)anthracene	16.56	278	472614	34.730	ng		98
91) Benzo(g,h,i)perylene	16.94	276	435556	31.822	ng		97

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

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