Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091217\
Data File : BF098463.D
Acq On : 12 Sep 2017 21:14
Operator : SJ/JU
Sample : I5140-01MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RL-5-0-13.75MSD

Manual Integrations APPROVED
Sohil
9/13/2017 5:00:12 PM

Quant Time: Sep 13 02:05:52 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	191339	20.00	ng		0.00
21) Naphthalene-d8	7.95	136	757326	20.00	ng		0.00
38) Acenaphthene-d10	9.70	164	295491	20.00	ng		0.00
63) Phenanthrene-d10	11.18	188	470733	20.00	ng		0.00
75) Chrysene-d12	13.82	240	337917	20.00	ng		0.00
86) Perylene-d12	15.22	264	275207	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	1265003	97.75	ng		0.00
7) Phenol-d6	6.32	99	1545258	94.05	ng		0.00
23) Nitrobenzene-d5	7.23	82	949097	69.87	ng		0.00
41) 2,4,6-Tribromophenol	10.49	330	193988	98.36	ng		0.00
44) 2-Fluorobiphenyl	9.02	172	1327522	76.15	ng		-0.01
78) Terphenyl-d14	12.76	244	932215	59.55	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.35	88	191836	28.720	ng		89
3) Pyridine	3.03	79	491876	27.730	ng	#	82
4) n-Nitrosodimethylamine	2.99	42	262317	30.164	ng		96
6) Aniline	6.33	93	400397	19.424	ng	#	14
8) 2-Chlorophenol	6.46	128	462306	32.487	ng		98
9) Benzaldehyde	6.21	77	101355	9.436	ng		88
10) Phenol	6.33	94	626764	32.841	ng		90
11) bis(2-Chloroethyl)ether	6.40	93	476651	33.125	ng		93
12) 1,3-Dichlorobenzene	6.60	146	469071	32.749	ng		98
13) 1,4-Dichlorobenzene	6.68	146	473560	32.278	ng		94
14) 1,2-Dichlorobenzene	6.83	146	446395	33.397	ng		98
15) Benzyl Alcohol	6.82	79	378361	34.600	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.95	45	759644	32.085	ng		59
17) 2-Methylphenol	6.94	107	366279	31.565	ng	#	90
18) Hexachloroethane	7.17	117	147843	26.313	ng	#	83
19) n-Nitroso-di-n-propylamine	7.09	70	337803	32.684	ng		96
20) 3+4-Methylphenols	7.09	107	503509	34.384	ng	#	65
22) Acetophenone	7.08	105	661772	33.810	ng	#	92
24) Nitrobenzene	7.25	77	502211	32.456	ng		99
25) Isophorone	7.49	82	889146	32.350	ng		100
26) 2-Nitrophenol	7.57	139	205681	32.922	ng	#	84
27) 2,4-Dimethylphenol	7.62	122	363998	30.563	ng		95
28) bis(2-Chloroethoxy)methane	7.70	93	582842	34.753	ng		100
29) 2,4-Dichlorophenol	7.82	162	348090	35.142	ng		96
30) 1,2,4-Trichlorobenzene	7.89	180	373388	34.654	ng		99
31) Naphthalene	7.97	128	1299081	34.699	ng		100
32) Benzoic acid	7.72	122	20295	10.088	ng		96
33) 4-Chloroaniline	8.03	127	321042	21.099	ng		99
34) Hexachlorobutadiene	8.09	225	186677	33.749	ng		98
35) Caprolactam	8.39	113	109165m	31.960	ng		
36) 4-Chloro-3-methylphenol	8.52	107	373001	30.365	ng		84
37) 2-Methylnaphthalene	8.66	142	801196	35.329	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	320713	34.843	ng		99
40) Hexachlorocyclopentadiene	8.81	237	32467	20.396	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.95	196	205414	37.994	ng		92
43) 2,4,5-Trichlorophenol	8.99	196	203708	36.049	ng		97
45) 1,1'-Biphenyl	9.12	154	918097	34.713	ng		97
46) 2-Chloronaphthalene	9.15	162	675200	35.746	ng	#	91
47) 2-Nitroaniline	9.25	65	263013	36.279	ng		95
48) Acenaphthylene	9.56	152	979382	34.872	ng		99
49) Dimethylphthalate	9.43	163	991813	43.361	ng		99
50) 2,6-Dinitrotoluene	9.49	165	163423	34.782	ng	#	70
51) Acenaphthene	9.73	154	600794	33.653	ng		97
52) 3-Nitroaniline	9.66	138	178846	31.533	ng		97
53) 2,4-Dinitrophenol	9.79	184	5710	10.822	ng	#	78
54) Dibenzofuran	9.90	168	839664	35.702	ng		99
55) 4-Nitrophenol	9.85	139	193774	59.467	ng	#	54
56) 2,4-Dinitrotoluene	9.90	165	180207	31.548	ng	#	50
57) Fluorene	10.24	166	643481	33.056	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.03	232	138915	36.579	ng		96
59) Diethylphthalate	10.13	149	761556	35.009	ng		97
60) 4-Chlorophenyl-phenylether	10.24	204	313768	34.897	ng		88
61) 4-Nitroaniline	10.27	138	181444	31.678	ng		89
62) Azobenzene	10.40	77	730102	31.141	ng		96
64) 4,6-Dinitro-2-methylphenol	10.31	198	15490	9.774	ng		90
65) n-Nitrosodiphenylamine	10.36	169	579620	37.921	ng		99
66) 4-Bromophenyl-phenylether	10.73	248	171765	38.446	ng		93
67) Hexachlorobenzene	10.79	284	160316	35.376	ng	#	83
68) Atrazine	10.89	200	168409	35.789	ng		96
69) Pentachlorophenol	10.99	266	112197	58.018	ng		94
70) Phenanthrene	11.20	178	942078	37.751	ng		98
71) Anthracene	11.26	178	907383	35.415	ng		98
72) Carbazole	11.42	167	806054	33.757	ng		98
73) Di-n-butylphthalate	11.74	149	1041545	36.406	ng		99
74) Fluoranthene	12.39	202	958794	38.380	ng		98
76) Benzidine	12.52	184	269114	17.995	ng	#	93
77) Pyrene	12.62	202	973364	36.514	ng		100
79) Butylbenzylphthalate	13.24	149	417787	36.127	ng	#	80
80) Benzo(a)anthracene	13.80	228	729287	36.811	ng		99
81) 3,3'-Dichlorobenzidine	13.77	252	234912	30.511	ng	#	97
82) Chrysene	13.84	228	708259	35.367	ng		99
83) Bis(2-ethylhexyl)phthalate	13.80	149	566592	39.038	ng	#	99
84) Di-n-octyl phthalate	14.40	149	982770	39.466	ng		96
85) Indeno(1,2,3-cd)pyrene	16.56	276	480318	34.186	ng		99
87) Benzo(b)fluoranthene	14.82	252	620286	35.846	ng		97
88) Benzo(k)fluoranthene	14.84	252	561943	34.785	ng		98
89) Benzo(a)pyrene	15.16	252	539540	34.998	ng		97
90) Dibenzo(a,h)anthracene	16.57	278	401604	35.811	ng		98
91) Benzo(g,h,i)perylene	16.96	276	384938	34.127	ng		99

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

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