Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040219\
Data File : BF113504.D
Acq On : 2 Apr 2019 14:30
Operator : JU/SJ
Sample : K2040-01MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4B(2-10)MSD

Manual Integrations APPROVED
sohil
4/3/2019 4:27:24 AM

Quant Time: Apr 03 02:25:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 26 03:32:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	142186	20.00	ng		-0.01
21) Naphthalene-d8	7.97	136	539393	20.00	ng		-0.01
39) Acenaphthene-d10	9.72	164	266731	20.00	ng		-0.02
64) Phenanthrene-d10	11.20	188	544667	20.00	ng		-0.01
76) Chrysene-d12	13.83	240	385815	20.00	ng		-0.01
87) Perylene-d12	15.23	264	348885	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	867528	99.76	ng		0.00
7) Phenol-d6	6.35	99	1136559	103.32	ng		-0.01
23) Nitrobenzene-d5	7.26	82	686159	75.50	ng		-0.01
42) 2,4,6-Tribromophenol	10.52	330	350969	106.52	ng		-0.01
45) 2-Fluorobiphenyl	9.05	172	1289844	73.38	ng		-0.01
79) Terphenyl-d14	12.78	244	1456194	83.19	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	128260	29.071	ng		97
3) Pyridine	3.09	79	315603	29.017	ng		99
4) n-Nitrosodimethylamine	3.01	42	154532	31.960	ng		91
6) Aniline	6.36	93	207416	15.483	ng	#	47
8) 2-Chlorophenol	6.49	128	337730	33.445	ng		94
9) Benzaldehyde	6.24	77	87334	11.831	ng		98
10) Phenol	6.36	94	439831	35.022	ng	#	73
11) bis(2-Chloroethyl)ether	6.43	93	321895	33.438	ng		98
12) 1,3-Dichlorobenzene	6.63	146	353762	32.500	ng		98
13) 1,4-Dichlorobenzene	6.71	146	364556	34.687	ng		99
14) 1,2-Dichlorobenzene	6.86	146	339709	32.855	ng		98
15) Benzyl Alcohol	6.85	79	268645	37.017	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.97	45	498685	34.483	ng		94
17) 2-Methylphenol	6.96	107	269251	34.023	ng		98
18) Hexachloroethane	7.20	117	129143	34.212	ng		95
19) n-Nitroso-di-n-propylamine	7.11	70	229460	33.207	ng		97
20) 3+4-Methylphenols	7.12	107	353246	37.636	ng		96
22) Acetophenone	7.10	105	460291	37.419	ng		97
24) Nitrobenzene	7.27	77	347912	36.687	ng		95
25) Isophorone	7.52	82	645514	36.653	ng		97
26) 2-Nitrophenol	7.59	139	183185	36.545	ng		98
27) 2,4-Dimethylphenol	7.64	122	293675	40.729	ng		100
28) bis(2-Chloroethoxy)methane	7.73	93	407190	36.715	ng		99
29) 2,4-Dichlorophenol	7.85	162	295299	37.791	ng		99
30) 1,2,4-Trichlorobenzene	7.92	180	308094	36.546	ng		97
31) Naphthalene	8.00	128	972821	36.907	ng		99
32) Benzoic acid	7.73	122	21548	3.713	ng		95
33) 4-Chloroaniline	8.05	127	102209	9.944	ng		96
34) Hexachlorobutadiene	8.12	225	181380	36.199	ng		99
35) Caprolactam	8.41	113	94976m	37.872	ng		
36) 4-Chloro-3-methylphenol	8.55	107	298964	38.040	ng		100
37) 2-Methylnaphthalene	8.69	142	654874	39.817	ng		99
38) 1-Methylnaphthalene	8.79	142	614625	38.852	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	305524	35.684	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.84	237	204523	56.434 ng	99
43) 2,4,6-Trichlorophenol	8.97	196	204361	36.653 ng	98
44) 2,4,5-Trichlorophenol	9.02	196	220903	35.800 ng	99
46) 1,1'-Biphenyl	9.15	154	812837	36.487 ng	98
47) 2-Chloronaphthalene	9.17	162	616768	35.958 ng	97
48) 2-Nitroaniline	9.27	65	194332	36.103 ng	95
49) Acenaphthylene	9.59	152	1000668	36.081 ng	99
50) Dimethylphthalate	9.45	163	808173	40.885 ng	99
51) 2,6-Dinitrotoluene	9.52	165	164104	36.800 ng	90
52) Acenaphthene	9.76	154	574787	36.802 ng	99
53) 3-Nitroaniline	9.68	138	100233	19.931 ng	98
54) 2,4-Dinitrophenol	9.80	184	77461	34.925 ng	94
55) Dibenzofuran	9.93	168	859324	36.599 ng	99
56) 4-Nitrophenol	9.86	139	214987	59.964 ng	98
57) 2,4-Dinitrotoluene	9.92	165	205772	36.285 ng	95
58) Fluorene	10.27	166	681007	37.336 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.06	232	191059	36.616 ng	97
60) Diethylphthalate	10.15	149	719343	37.096 ng	100
61) 4-Chlorophenyl-phenylether	10.26	204	339363	38.174 ng	92
62) 4-Nitroaniline	10.29	138	180661	34.892 ng	98
63) Azobenzene	10.42	77	674178	36.934 ng	98
65) 4,6-Dinitro-2-methylphenol	10.33	198	80828	27.127 ng	93
66) n-Nitrosodiphenylamine	10.38	169	620991	37.156 ng	98
67) 4-Bromophenyl-phenylether	10.75	248	218360	36.783 ng	99
68) Hexachlorobenzene	10.82	284	254551	36.941 ng	95
69) Atrazine	10.91	200	200244	37.959 ng	96
70) Pentachlorophenol	11.02	266	188144	52.407 ng	97
71) Phenanthrene	11.23	178	1015232	37.534 ng	99
72) Anthracene	11.28	178	1045303	38.047 ng	100
73) Carbazole	11.43	167	963289	36.744 ng	99
74) Di-n-butylphthalate	11.76	149	1171710	38.542 ng	100
75) Fluoranthene	12.41	202	1114164	36.437 ng	99
77) Benzidine	12.53	184	188795	12.778 ng	98
78) Pyrene	12.64	202	1103948	41.291 ng	100
80) Butylbenzylphthalate	13.26	149	478837	40.639 ng	94
81) Benzo(a)anthracene	13.82	228	792776	35.897 ng	100
82) 3,3'-Dichlorobenzidine	13.78	252	150796	17.020 ng	99
83) Chrysene	13.86	228	818995	36.510 ng	99
84) Bis(2-ethylhexyl)phthalate	13.82	149	610191	42.244 ng	99
85) Di-n-octyl phthalate	14.42	149	951055	38.790 ng	100
86) Indeno(1,2,3-cd)pyrene	16.60	276	894910	46.485 ng	99
88) Benzo(b)fluoranthene	14.84	252	822939	37.971 ng	99
89) Benzo(k)fluoranthene	14.87	252	640361	33.646 ng	99
90) Benzo(a)pyrene	15.18	252	707149	36.805 ng	100
91) Dibenzo(a,h)anthracene	16.60	278	748162	45.034 ng	100
92) Benzo(g,h,i)perylene	17.00	276	790134	47.170 ng	99

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

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