Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032520\
Data File : BF119517.D
Acq On : 25 Mar 2020 22:13
Operator : CG/JU
Sample : L1754-04MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-08-032420MSD

Manual Integrations APPROVED
mohammad
3/27/2020 8:12:11 AM

Quant Time: Mar 26 04:33:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 18 15:11:18 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	362334	20.00	ng		-0.01
21) Naphthalene-d8	8.13	136	1411967	20.00	ng		-0.02
39) Acenaphthene-d10	9.89	164	737337	20.00	ng		-0.01
64) Phenanthrene-d10	11.38	188	1388038	20.00	ng		-0.01
76) Chrysene-d12	14.03	240	932433	20.00	ng		0.00
87) Perylene-d12	15.49	264	807059	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	2718581	119.44	ng		0.02
7) Phenol-d6	6.48	99	3306807	113.73	ng		0.00
23) Nitrobenzene-d5	7.41	82	2499702	96.22	ng		-0.01
42) 2,4,6-Tribromophenol	10.69	330	1164458	153.08	ng		0.00
45) 2-Fluorobiphenyl	9.21	172	4520445	90.83	ng		-0.01
79) Terphenyl-d14	12.97	244	4732337	99.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.83	88	418714	37.247	ng		98
3) Pyridine	3.52	79	853813	27.569	ng		98
4) n-Nitrosodimethylamine	3.46	42	641490	42.475	ng		96
6) Aniline	6.50	93	647262	16.130	ng		99
8) 2-Chlorophenol	6.63	128	1276897	53.414	ng		99
9) Benzaldehyde	6.39	77	632439	34.288	ng		97
10) Phenol	6.49	94	1371856	44.219	ng		100
11) bis(2-Chloroethyl)ether	6.58	93	1263433	50.918	ng		96
12) 1,3-Dichlorobenzene	6.79	146	1170959	45.258	ng		98
13) 1,4-Dichlorobenzene	6.86	146	1199530	46.351	ng		99
14) 1,2-Dichlorobenzene	7.02	146	1115295	46.106	ng		99
15) Benzyl Alcohol	6.99	79	1088908	49.787	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	2321670	46.388	ng		96
17) 2-Methylphenol	7.10	107	1008535	46.046	ng		99
18) Hexachloroethane	7.36	117	467011	49.242	ng		99
19) n-Nitroso-di-n-propylamine	7.27	70	916585	52.301	ng		97
20) 3+4-Methylphenols	7.25	107	1175484	43.791	ng	#	83
22) Acetophenone	7.26	105	1659650	49.192	ng	#	89
24) Nitrobenzene	7.43	77	1341247	48.308	ng		99
25) Isophorone	7.67	82	2568826	48.743	ng		99
26) 2-Nitrophenol	7.75	139	686563	62.803	ng		100
27) 2,4-Dimethylphenol	7.78	122	1131272	50.046	ng		98
28) bis(2-Chloroethoxy)methane	7.88	93	1633865	52.428	ng		98
29) 2,4-Dichlorophenol	7.99	162	1067601	51.401	ng		99
30) 1,2,4-Trichlorobenzene	8.07	180	1135547	49.437	ng		98
31) Naphthalene	8.15	128	3428389	47.183	ng		98
32) Benzoic acid	7.92	122	824030	56.671	ng		99
33) 4-Chloroaniline	8.20	127	352170	10.577	ng		98
34) Hexachlorobutadiene	8.27	225	637211	49.582	ng		98
35) Caprolactam	8.59	113	296651m	43.641	ng		
36) 4-Chloro-3-methylphenol	8.69	107	1163998	51.276	ng		99
37) 2-Methylnaphthalene	8.85	142	2482221	52.052	ng		99
38) 1-Methylnaphthalene	8.95	142	2349233	52.047	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	1047900	48.487	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	1153185	93.857	ng		100
43) 2,4,6-Trichlorophenol	9.12	196	840926	54.373	ng		98
44) 2,4,5-Trichlorophenol	9.16	196	817188	47.167	ng		97
46) 1,1'-Biphenyl	9.32	154	2932630	48.834	ng		99
47) 2-Chloronaphthalene	9.34	162	2261038	48.067	ng		98
48) 2-Nitroaniline	9.43	65	851279	52.430	ng		94
49) Acenaphthylene	9.76	152	3510964	47.529	ng		99
50) Dimethylphthalate	9.62	163	2988777	57.067	ng		98
51) 2,6-Dinitrotoluene	9.67	165	617964	55.048	ng		97
52) Acenaphthene	9.93	154	2511880	54.545	ng		98
53) 3-Nitroaniline	9.84	138	304749	21.503	ng		99
54) 2,4-Dinitrophenol	9.95	184	626131	124.454	ng		96
55) Dibenzofuran	10.10	168	3175657	48.097	ng		98
56) 4-Nitrophenol	10.01	139	924587	82.698	ng		89
57) 2,4-Dinitrotoluene	10.08	165	808603	57.179	ng	#	85
58) Fluorene	10.45	166	2420216	49.569	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	695422	53.698	ng		97
60) Diethylphthalate	10.32	149	2794112	52.564	ng		99
61) 4-Chlorophenyl-phenylether	10.43	204	1192500	49.945	ng		98
62) 4-Nitroaniline	10.47	138	621356	45.720	ng		99
63) Azobenzene	10.60	77	2634975	49.226	ng		95
65) 4,6-Dinitro-2-methylphenol	10.49	198	415409	71.371	ng		98
66) n-Nitrosodiphenylamine	10.56	169	2289414	50.243	ng		98
67) 4-Bromophenyl-phenylether	10.93	248	810211	51.253	ng		95
68) Hexachlorobenzene	10.99	284	862289	53.296	ng		96
69) Atrazine	11.09	200	688123	55.084	ng		98
70) Pentachlorophenol	11.19	266	954063	100.569	ng		99
71) Phenanthrene	11.41	178	3402835	47.279	ng		98
72) Anthracene	11.46	178	3527267	48.220	ng		99
73) Carbazole	11.61	167	3300127	45.580	ng		97
74) Di-n-butylphthalate	11.95	149	4244388	54.800	ng	#	96
75) Fluoranthene	12.60	202	3654837	46.922	ng		98
77) Benzidine	12.71	184	1042016	26.406	ng		98
78) Pyrene	12.83	202	3621142	47.320	ng		98
80) Butylbenzylphthalate	13.45	149	1867402	60.335	ng		98
81) Benzo(a)anthracene	14.02	228	2753876	45.418	ng		99
82) 3,3'-Dichlorobenzidine	13.97	252	658709	27.552	ng		98
83) Chrysene	14.05	228	2830425	45.231	ng		97
84) Bis(2-ethylhexyl)phthalate	14.01	149	2379799	64.501	ng		98
85) Di-n-octyl phthalate	14.62	149	4201113	64.743	ng		99
86) Indeno(1,2,3-cd)pyrene	16.96	276	2660971	45.150	ng		97
88) Benzo(b)fluoranthene	15.06	252	2723867	50.525	ng		99
89) Benzo(k)fluoranthene	15.09	252	2631295	51.258	ng		100
90) Benzo(a)pyrene	15.43	252	2377045	48.517	ng		99
91) Dibenzo(a,h)anthracene	16.98	278	2158354	50.366	ng		98
92) Benzo(g,h,i)perylene	17.40	276	2158433	50.136	ng		96

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

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