Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032719\
Data File : BF113326.D
Acq On : 27 Mar 2019 13:00
Operator : JU/SJ
Sample : K1933-01MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-1MSD

Manual Integrations APPROVED
Sohil
3/28/2019 8:41:41 AM

Quant Time: Mar 28 01:31:26 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	6.70	152	179185	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	672493	20.00	ng		0.00
39) Acenaphthene-d10	9.74	164	330226	20.00	ng		0.00
64) Phenanthrene-d10	11.22	188	661614	20.00	ng		0.00
76) Chrysene-d12	13.84	240	409322	20.00	ng		0.00
87) Perylene-d12	15.24	264	408699	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	1406278	128.33	ng		0.01
7) Phenol-d6	6.36	99	1830680	132.05	ng		0.00
23) Nitrobenzene-d5	7.27	82	1137482	100.39	ng		0.00
42) 2,4,6-Tribromophenol	10.53	330	512293	125.59	ng		0.00
45) 2-Fluorobiphenyl	9.06	172	1832422	87.49	ng		0.00
79) Terphenyl-d14	12.79	244	1829525	98.52	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	208702	37.536	ng		97
3) Pyridine	3.12	79	543774	39.672	ng		96
4) n-Nitrosodimethylamine	3.05	42	248327	40.754	ng		95
6) Aniline	6.37	93	235297	13.938	ng	#	19
8) 2-Chlorophenol	6.50	128	523732	41.156	ng		95
9) Benzaldehyde	6.25	77	178324	19.169	ng		98
10) Phenol	6.37	94	645504	40.786	ng	#	72
11) bis(2-Chloroethyl)ether	6.45	93	505456	41.664	ng		99
12) 1,3-Dichlorobenzene	6.65	146	545126	39.740	ng		99
13) 1,4-Dichlorobenzene	6.72	146	554987	41.903	ng		99
14) 1,2-Dichlorobenzene	6.87	146	513134	39.381	ng		98
15) Benzyl Alcohol	6.86	79	414270	45.297	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.99	45	781585	42.885	ng		94
17) 2-Methylphenol	6.97	107	441239	44.244	ng		99
18) Hexachloroethane	7.22	117	200131	42.070	ng		98
19) n-Nitroso-di-n-propylamine	7.13	70	355819	40.861	ng		100
20) 3+4-Methylphenols	7.13	107	544600	48.049	ng		99
22) Acetophenone	7.12	105	722569	47.114	ng		97
24) Nitrobenzene	7.29	77	556175	47.041	ng		99
25) Isophorone	7.53	82	1031637	46.983	ng		100
26) 2-Nitrophenol	7.60	139	295921	47.351	ng		97
27) 2,4-Dimethylphenol	7.65	122	483535	53.787	ng		100
28) bis(2-Chloroethoxy)methane	7.74	93	657683	47.564	ng		99
29) 2,4-Dichlorophenol	7.85	162	469032	48.145	ng		98
30) 1,2,4-Trichlorobenzene	7.93	180	480335	45.700	ng		98
31) Naphthalene	8.01	128	1489481	45.324	ng		100
32) Benzoic acid	7.73	122	24113m	3.332	ng		
33) 4-Chloroaniline	8.06	127	148225	11.567	ng		99
34) Hexachlorobutadiene	8.13	225	277466	44.416	ng		99
35) Caprolactam	8.43	113	143315m	45.837	ng		
36) 4-Chloro-3-methylphenol	8.56	107	484526	49.448	ng		97
37) 2-Methylnaphthalene	8.70	142	1008072	49.161	ng		99
38) 1-Methylnaphthalene	8.80	142	950698	48.201	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.87	216	462593	43.640	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.86	237	381275	84.977	ng		99
43) 2,4,6-Trichlorophenol	8.99	196	323682	46.891	ng		100
44) 2,4,5-Trichlorophenol	9.03	196	347544	45.494	ng		99
46) 1,1'-Biphenyl	9.16	154	1218655	44.186	ng		99
47) 2-Chloronaphthalene	9.19	162	936818	44.116	ng		99
48) 2-Nitroaniline	9.29	65	315216	47.301	ng		100
49) Acenaphthylene	9.60	152	1518868	44.236	ng		99
50) Dimethylphthalate	9.47	163	1259821	51.479	ng		99
51) 2,6-Dinitrotoluene	9.53	165	258696	46.858	ng		99
52) Acenaphthene	9.77	154	863512	44.658	ng		100
53) 3-Nitroaniline	9.69	138	146673	23.558	ng		94
54) 2,4-Dinitrophenol	9.81	184	48294	17.588	ng		89
55) Dibenzofuran	9.95	168	1292471	44.462	ng		98
56) 4-Nitrophenol	9.87	139	339853	76.565	ng		96
57) 2,4-Dinitrotoluene	9.93	165	323540	46.082	ng		99
58) Fluorene	10.29	166	982904	43.526	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.07	232	266555	41.262	ng		97
60) Diethylphthalate	10.16	149	1110984	46.277	ng		99
61) 4-Chlorophenyl-phenylether	10.27	204	489155	44.444	ng		96
62) 4-Nitroaniline	10.31	138	281193	43.866	ng		99
63) Azobenzene	10.43	77	1022685	45.254	ng		97
65) 4,6-Dinitro-2-methylphenol	10.35	198	81795	22.599	ng		99
66) n-Nitrosodiphenylamine	10.40	169	927693	45.695	ng		100
67) 4-Bromophenyl-phenylether	10.76	248	327397	45.402	ng		98
68) Hexachlorobenzene	10.83	284	382644	45.715	ng	#	93
69) Atrazine	10.93	200	302485	47.204	ng		97
70) Pentachlorophenol	11.03	266	245989	56.408	ng		99
71) Phenanthrene	11.24	178	1453209	44.230	ng		99
72) Anthracene	11.29	178	1522641	45.625	ng		99
73) Carbazole	11.44	167	1441297	45.260	ng		99
74) Di-n-butylphthalate	11.78	149	1686091	45.658	ng		100
75) Fluoranthene	12.42	202	1549850	41.727	ng		99
77) Benzidine	12.54	184	191640	12.226	ng		96
78) Pyrene	12.65	202	1528003	53.870	ng		100
80) Butylbenzylphthalate	13.27	149	657332	52.584	ng		95
81) Benzo(a)anthracene	13.83	228	1048741	44.760	ng		100
82) 3,3'-Dichlorobenzidine	13.79	252	209264	22.263	ng		96
83) Chrysene	13.87	228	1087521	45.697	ng		100
84) Bis(2-ethylhexyl)phthalate	13.83	149	767677	50.095	ng		98
85) Di-n-octyl phthalate	14.43	149	1242094	47.750	ng		99
86) Indeno(1,2,3-cd)pyrene	16.60	276	1291147	63.215	ng		99
88) Benzo(b)fluoranthene	14.84	252	1126860	44.385	ng		99
89) Benzo(k)fluoranthene	14.87	252	925953	41.531	ng		99
90) Benzo(a)pyrene	15.19	252	1027002	45.629	ng		99
91) Dibenzo(a,h)anthracene	16.61	278	1068228	54.889	ng		99
92) Benzo(g,h,i)perylene	17.00	276	1118867	57.019	ng		98

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

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