Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020720\
Data File : BF118857.D
Acq On : 7 Feb 2020 18:18
Operator : CG/JU
Sample : L1365-08MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-020520MSD

Quant Time: Feb 08 03:37:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 16:26:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	239234	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	920273	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	487156	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	853747	20.00	ng		0.00
76) Chrysene-d12	13.97	240	617557	20.00	ng		0.00
87) Perylene-d12	15.42	264	713869	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1344776	106.40	ng		0.02
7) Phenol-d6	6.46	99	1553151	99.00	ng		0.00
23) Nitrobenzene-d5	7.38	82	1215952	78.76	ng		0.00
42) 2,4,6-Tribromophenol	10.64	330	623880	107.03	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	2299426	84.38	ng		0.00
79) Terphenyl-d14	12.92	244	2453671	81.61	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.68	88	193336	33.567	ng	#	86
3) Pyridine	3.41	79	354200	22.147	ng		98
4) n-Nitrosodimethylamine	3.32	42	228411	39.226	ng		96
6) Aniline	6.47	93	310254	15.355	ng	#	41
8) 2-Chlorophenol	6.60	128	616729	43.811	ng		99
9) Benzaldehyde	6.36	77	217348	20.261	ng		99
10) Phenol	6.47	94	609480	34.938	ng		100
11) bis(2-Chloroethyl)ether	6.55	93	561643	42.083	ng		98
12) 1,3-Dichlorobenzene	6.76	146	664231	39.642	ng		99
13) 1,4-Dichlorobenzene	6.83	146	666809	39.896	ng		99
14) 1,2-Dichlorobenzene	6.99	146	614231	38.471	ng		97
15) Benzyl Alcohol	6.96	79	513709	42.362	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	647802	39.636	ng		96
17) 2-Methylphenol	7.07	107	483011	41.271	ng		100
18) Hexachloroethane	7.33	117	226474	37.754	ng		97
19) n-Nitroso-di-n-propylamine	7.23	70	402013	41.880	ng		98
20) 3+4-Methylphenols	7.23	107	571195	38.937	ng	#	86
22) Acetophenone	7.22	105	794159	39.720	ng		98
24) Nitrobenzene	7.40	77	635868	41.226	ng		98
25) Isophorone	7.64	82	1127383	40.629	ng		99
26) 2-Nitrophenol	7.72	139	340436	41.421	ng		96
27) 2,4-Dimethylphenol	7.76	122	525294	47.050	ng		99
28) bis(2-Chloroethoxy)methane	7.85	93	707515	39.322	ng		98
29) 2,4-Dichlorophenol	7.96	162	549810	41.121	ng		99
30) 1,2,4-Trichlorobenzene	8.04	180	602080	38.526	ng		99
31) Naphthalene	8.12	128	1742846	41.408	ng		99
32) Benzoic acid	7.87	122	298162	32.256	ng		97
33) 4-Chloroaniline	8.16	127	201130	10.681	ng		100
34) Hexachlorobutadiene	8.24	225	351403	36.701	ng		99
35) Caprolactam	8.54	113	128567	29.662	ng		96
36) 4-Chloro-3-methylphenol	8.66	107	553678	41.149	ng		99
37) 2-Methylnaphthalene	8.81	142	1166089	39.947	ng		98
38) 1-Methylnaphthalene	8.91	142	1100080	40.060	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	586065	39.861	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	182662	31.684	ng		100
43) 2,4,6-Trichlorophenol	9.09	196	395521	40.229	ng		99
44) 2,4,5-Trichlorophenol	9.13	196	426156	42.421	ng		96
46) 1,1'-Biphenyl	9.27	154	1408567	41.799	ng		99
47) 2-Chloronaphthalene	9.30	162	1128122	40.269	ng		99
48) 2-Nitroaniline	9.39	65	322088	39.862	ng		93
49) Acenaphthylene	9.72	152	1741932	43.064	ng		99
50) Dimethylphthalate	9.57	163	1432311	43.180	ng		100
51) 2,6-Dinitrotoluene	9.63	165	317814	41.874	ng		97
52) Acenaphthene	9.89	154	1052899	39.501	ng		99
53) 3-Nitroaniline	9.80	138	119459	14.192	ng		97
54) 2,4-Dinitrophenol	9.91	184	82376	22.577	ng		97
55) Dibenzofuran	10.06	168	1555728	40.387	ng		100
56) 4-Nitrophenol	9.97	139	418989	68.777	ng		95
57) 2,4-Dinitrotoluene	10.04	165	411450	40.964	ng		89
58) Fluorene	10.40	166	1163186	40.138	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.18	232	348892	39.768	ng		99
60) Diethylphthalate	10.27	149	1301616	40.354	ng		99
61) 4-Chlorophenyl-phenylether	10.39	204	618171	39.333	ng		99
62) 4-Nitroaniline	10.42	138	249794	29.634	ng		97
63) Azobenzene	10.55	77	1118837	40.630	ng		99
65) 4,6-Dinitro-2-methylphenol	10.45	198	84004	17.511	ng		89
66) n-Nitrosodiphenylamine	10.51	169	1102589	44.585	ng		99
67) 4-Bromophenyl-phenylether	10.88	248	417199	41.309	ng		97
68) Hexachlorobenzene	10.96	284	456294	39.390	ng	#	92
69) Atrazine	11.04	200	387441	47.026	ng		99
70) Pentachlorophenol	11.14	266	460753	75.329	ng		99
71) Phenanthrene	11.36	178	1737495	41.363	ng		99
72) Anthracene	11.42	178	1729396	41.385	ng		98
73) Carbazole	11.57	167	1489115	40.605	ng		97
74) Di-n-butylphthalate	11.90	149	1838707	39.358	ng		99
75) Fluoranthene	12.55	202	1708104	37.244	ng		97
77) Benzidine	12.67	184	952926	51.017	ng		99
78) Pyrene	12.77	202	1697474	40.067	ng		99
80) Butylbenzylphthalate	13.39	149	710271	36.731	ng		97
81) Benzo(a)anthracene	13.96	228	1589491	43.253	ng		98
82) 3,3'-Dichlorobenzidine	13.92	252	641257	42.665	ng		99
83) Chrysene	14.00	228	1560455	42.309	ng		98
84) Bis(2-ethylhexyl)phthalate	13.95	149	937199	38.201	ng		98
85) Di-n-octyl phthalate	14.56	149	1644989	39.139	ng		100
86) Indeno(1,2,3-cd)pyrene	16.86	276	1542419	41.623	ng		100
88) Benzo(b)fluoranthene	15.00	252	1687690	38.099	ng		99
89) Benzo(k)fluoranthene	15.03	252	1699288	44.053	ng		98
90) Benzo(a)pyrene	15.36	252	1544468	40.741	ng		98
91) Dibenzo(a,h)anthracene	16.88	278	1325264	39.379	ng		98
92) Benzo(g,h,i)perylene	17.29	276	1182900	36.549	ng		99

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

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