Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011720\
Data File : BF118577.D
Acq On : 18 Jan 2020 00:09
Operator : JU
Sample : PB126175BSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB126175BSD

Quant Time: Jan 18 01:11:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 17 15:49:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	341831	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	1218265	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	662656	20.00	ng		0.00
64) Phenanthrene-d10	11.41	188	1209705	20.00	ng		0.00
76) Chrysene-d12	14.05	240	1008002	20.00	ng		0.00
87) Perylene-d12	15.52	264	1070232	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	959810	51.88	ng		0.00
7) Phenol-d6	6.50	99	747011	30.82	ng		-0.01
23) Nitrobenzene-d5	7.45	82	2270706	115.12	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	853441	116.50	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	4047840	110.28	ng		0.00
79) Terphenyl-d14	13.00	244	4805883	94.16	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.68	88	163134	18.352	ng		98
3) Pyridine	3.45	79	290965	11.852	ng		98
4) n-Nitrosodimethylamine	3.36	42	214896	19.085	ng	#	96
6) Aniline	6.55	93	923676	29.112	ng		99
8) 2-Chlorophenol	6.67	128	982632	46.702	ng		95
9) Benzaldehyde	6.43	77	730947	58.904	ng		99
10) Phenol	6.52	94	382143	14.369	ng		99
11) bis(2-Chloroethyl)ether	6.62	93	1057425	49.641	ng		99
12) 1,3-Dichlorobenzene	6.83	146	1143989	45.722	ng		98
13) 1,4-Dichlorobenzene	6.91	146	1165347	46.362	ng		98
14) 1,2-Dichlorobenzene	7.06	146	1107911	47.110	ng		98
15) Benzyl Alcohol	7.02	79	617987	31.064	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1422206	45.512	ng		99
17) 2-Methylphenol	7.13	107	643927	36.055	ng		99
18) Hexachloroethane	7.41	117	410444	44.808	ng		97
19) n-Nitroso-di-n-propylamine	7.30	70	848766	48.826	ng		98
20) 3+4-Methylphenols	7.29	107	716974	33.571	ng		92
22) Acetophenone	7.30	105	1531676	51.810	ng	#	93
24) Nitrobenzene	7.47	77	1179292	56.219	ng		99
25) Isophorone	7.71	82	2163519	50.537	ng		99
26) 2-Nitrophenol	7.79	139	503211	54.532	ng		95
27) 2,4-Dimethylphenol	7.82	122	905696	53.195	ng		99
28) bis(2-Chloroethoxy)methane	7.92	93	1322013	48.063	ng		99
29) 2,4-Dichlorophenol	8.02	162	940704	50.195	ng		98
30) 1,2,4-Trichlorobenzene	8.12	180	1031869	47.246	ng		99
31) Naphthalene	8.19	128	2942893	51.223	ng		99
32) Benzoic acid	7.87	122	81548	13.701	ng		99
33) 4-Chloroaniline	8.23	127	1072246	40.167	ng		99
34) Hexachlorobutadiene	8.32	225	601566	44.159	ng		99
35) Caprolactam	8.59	113	34653	5.944	ng		94
36) 4-Chloro-3-methylphenol	8.71	107	878636	47.294	ng		95
37) 2-Methylnaphthalene	8.89	142	2102994	51.667	ng		99
38) 1-Methylnaphthalene	8.99	142	2002124	51.993	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	1058441	49.521	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	1244925	111.480	ng		97
43) 2,4,6-Trichlorophenol	9.16	196	728896	53.525	ng		98
44) 2,4,5-Trichlorophenol	9.19	196	776477	56.398	ng		99
46) 1,1'-Biphenyl	9.35	154	2519853	53.218	ng		99
47) 2-Chloronaphthalene	9.37	162	2042460	51.178	ng		98
48) 2-Nitroaniline	9.46	65	610225	58.789	ng		94
49) Acenaphthylene	9.79	152	3073178	54.538	ng		100
50) Dimethylphthalate	9.65	163	2339492	51.420	ng		99
51) 2,6-Dinitrotoluene	9.70	165	537791	61.951	ng		95
52) Acenaphthene	9.96	154	1981510	53.679	ng		99
53) 3-Nitroaniline	9.87	138	475766	48.380	ng	#	98
54) 2,4-Dinitrophenol	9.97	184	195592	56.415	ng	#	8
55) Dibenzofuran	10.13	168	2812443	53.838	ng		96
56) 4-Nitrophenol	10.02	139	304954	41.979	ng		97
57) 2,4-Dinitrotoluene	10.10	165	685280	58.643	ng		98
58) Fluorene	10.47	166	2227566	55.066	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.25	232	667707	56.689	ng		98
60) Diethylphthalate	10.35	149	2314828	52.115	ng		99
61) 4-Chlorophenyl-phenylether	10.47	204	1183116	53.460	ng		98
62) 4-Nitroaniline	10.48	138	525917	53.846	ng		95
63) Azobenzene	10.63	77	2315732	53.492	ng		96
65) 4,6-Dinitro-2-methylphenol	10.51	198	198328	41.847	ng		78
66) n-Nitrosodiphenylamine	10.59	169	2030267	52.232	ng		100
67) 4-Bromophenyl-phenylether	10.96	248	798910	49.336	ng		95
68) Hexachlorobenzene	11.03	284	878148	48.936	ng		97
69) Atrazine	11.11	200	734847	65.512	ng		98
70) Pentachlorophenol	11.22	266	943118	106.941	ng		98
71) Phenanthrene	11.44	178	3230530	53.129	ng		99
72) Anthracene	11.49	178	3326247	54.828	ng		99
73) Carbazole	11.64	167	2977855	54.426	ng		100
74) Di-n-butylphthalate	11.97	149	3377315	49.671	ng		100
75) Fluoranthene	12.62	202	3499049	53.510	ng		98
77) Benzidine	12.73	184	768690	31.387	ng		100
78) Pyrene	12.85	202	3564081	47.374	ng		100
80) Butylbenzylphthalate	13.47	149	1500023	46.513	ng		95
81) Benzo(a)anthracene	14.04	228	3257017	51.191	ng		98
82) 3,3'-Dichlorobenzidine	14.00	252	1301014	58.282	ng		99
83) Chrysene	14.08	228	3143027	51.356	ng		99
84) Bis(2-ethylhexyl)phthalate	14.03	149	2034589	50.829	ng		99
85) Di-n-octyl phthalate	14.64	149	3353222	54.704	ng		98
86) Indeno(1,2,3-cd)pyrene	17.01	276	3968547	65.896	ng		100
88) Benzo(b)fluoranthene	15.09	252	3243649	46.534	ng		99
89) Benzo(k)fluoranthene	15.12	252	3272108	51.941	ng		98
90) Benzo(a)pyrene	15.46	252	2995386	49.386	ng		99
91) Dibenzo(a,h)anthracene	17.03	278	3270370	57.731	ng		99
92) Benzo(g,h,i)perylene	17.46	276	3294759	60.213	ng		98

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

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