Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070720\
Data File : BF120777.D
Acq On : 7 Jul 2020 10:16
Operator : JU/CG
Sample : PB129924BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB129924BS

Quant Time: Jul 07 11:02:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 02 18:51:52 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	137180	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	516433	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	251063	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	436131	20.00	ng		0.00
76) Chrysene-d12	14.01	240	323236	20.00	ng		0.00
86) Perylene-d12	15.47	264	258830	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	1084433	122.03	ng		0.01
7) Phenol-d6	6.47	99	1315743	115.94	ng		0.00
23) Nitrobenzene-d5	7.42	82	831234	93.25	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	338783	134.32	ng		0.00
45) 2-Fluorobiphenyl	9.21	172	1471893	88.70	ng		0.00
79) Terphenyl-d14	12.96	244	1530563	92.71	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.65	88	158834	39.127	ng		98
3) Pyridine	3.39	79	433241	38.963	ng		97
4) n-Nitrosodimethylamine	3.35	42	245895	44.206	ng	#	96
6) Aniline	6.51	93	535632	36.750	ng		99
8) 2-Chlorophenol	6.63	128	409151	43.244	ng		99
9) Benzaldehyde	6.40	77	155578	23.050	ng		97
10) Phenol	6.49	94	537308	46.024	ng		96
11) bis(2-Chloroethyl)ether	6.59	93	398695	41.968	ng		99
12) 1,3-Dichlorobenzene	6.79	146	435951	41.861	ng		99
13) 1,4-Dichlorobenzene	6.87	146	448376	42.986	ng		98
14) 1,2-Dichlorobenzene	7.02	146	416000	41.920	ng		99
15) Benzyl Alcohol	6.99	79	353861	41.500	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	606948	40.961	ng		99
17) 2-Methylphenol	7.10	107	331094	39.117	ng		98
18) Hexachloroethane	7.36	117	171067	43.635	ng		98
19) n-Nitroso-di-n-propylamine	7.26	70	291847	42.710	ng		99
20) 3+4-Methylphenols	7.25	107	413765	39.691	ng		92
22) Acetophenone	7.26	105	566599	44.139	ng	#	92
24) Nitrobenzene	7.43	77	451635	45.126	ng		98
25) Isophorone	7.67	82	792730	41.239	ng		96
26) 2-Nitrophenol	7.75	139	177522	42.673	ng		99
27) 2,4-Dimethylphenol	7.78	122	343036	44.703	ng		98
28) bis(2-Chloroethoxy)methane	7.88	93	500907	44.028	ng		99
29) 2,4-Dichlorophenol	7.99	162	323087	42.175	ng		99
30) 1,2,4-Trichlorobenzene	8.07	180	359187	41.745	ng		99
31) Naphthalene	8.16	128	1169314	42.367	ng		100
32) Benzoic acid	7.90	122	206852	38.992	ng		98
33) 4-Chloroaniline	8.20	127	289011	24.677	ng		96
34) Hexachlorobutadiene	8.27	225	215123	41.571	ng		99
35) Caprolactam	8.56	113	92457m	41.420	ng		
36) 4-Chloro-3-methylphenol	8.68	107	344406	43.220	ng		94
37) 2-Methylnaphthalene	8.85	142	775622	43.231	ng		99
38) 1-Methylnaphthalene	8.95	142	738564	43.947	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	332454	43.815	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	424465	94.681	ng		99
43) 2,4,6-Trichlorophenol	9.12	196	220915	42.727	ng		98
44) 2,4,5-Trichlorophenol	9.16	196	238312	41.532	ng		97
46) 1,1'-Biphenyl	9.31	154	913122	45.089	ng		100
47) 2-Chloronaphthalene	9.33	162	700725	43.190	ng		100
48) 2-Nitroaniline	9.43	65	217467	44.942	ng		98
49) Acenaphthylene	9.75	152	1090882	42.887	ng		100
50) Dimethylphthalate	9.61	163	786255	42.931	ng		99
51) 2,6-Dinitrotoluene	9.67	165	162923	44.915	ng		98
52) Acenaphthene	9.92	154	733828	46.504	ng		97
53) 3-Nitroaniline	9.83	138	120799	28.003	ng		98
54) 2,4-Dinitrophenol	9.94	184	111695	78.239	ng	#	87
55) Dibenzofuran	10.09	168	995659	43.773	ng		98
56) 4-Nitrophenol	9.99	139	282560	84.019	ng		95
57) 2,4-Dinitrotoluene	10.07	165	211048	46.642	ng		97
58) Fluorene	10.44	166	761850	44.999	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.21	232	189382m	44.353	ng		
60) Diethylphthalate	10.31	149	812590	42.592	ng		100
61) 4-Chlorophenyl-phenylether	10.43	204	367582	43.188	ng		98
62) 4-Nitroaniline	10.45	138	175738	45.162	ng		98
63) Azobenzene	10.59	77	854007	43.759	ng		99
65) 4,6-Dinitro-2-methylphenol	10.47	198	76115	42.451	ng		97
66) n-Nitrosodiphenylamine	10.55	169	669694	45.813	ng		99
67) 4-Bromophenyl-phenylether	10.92	248	214597	42.418	ng		98
68) Hexachlorobenzene	10.98	284	240826	45.363	ng		100
69) Atrazine	11.07	200	180835	48.018	ng		98
70) Pentachlorophenol	11.17	266	278956	92.874	ng		98
71) Phenanthrene	11.40	178	1066488	45.068	ng		99
72) Anthracene	11.45	178	1096604	45.859	ng		100
73) Carbazole	11.60	167	994694	43.286	ng		99
74) Di-n-butylphthalate	11.94	149	1224588	43.044	ng		99
75) Fluoranthene	12.59	202	1110014	44.033	ng		98
77) Benzidine	12.70	184	474037	51.957	ng		99
78) Pyrene	12.82	202	1125779	43.609	ng		99
80) Butylbenzylphthalate	13.44	149	461328	41.392	ng		98
81) Benzo(a)anthracene	14.00	228	901022	43.486	ng		99
82) 3,3'-Dichlorobenzidine	13.96	252	192768	27.569	ng		98
83) Chrysene	14.04	228	914898	43.289	ng		99
84) Bis(2-ethylhexyl)phthalate	14.00	149	645919	44.194	ng		99
85) Di-n-octyl phthalate	14.61	149	1066859	41.261	ng		99
87) Indeno(1,2,3-cd)pyrene	16.92	276	765829	46.130	ng		99
88) Benzo(b)fluoranthene	15.04	252	820288	48.207	ng		99
89) Benzo(k)fluoranthene	15.07	252	744891	44.988	ng		99
90) Benzo(a)pyrene	15.41	252	678408	44.693	ng		99
91) Dibenzo(a,h)anthracene	16.94	278	655241	47.354	ng		99
92) Benzo(g,h,i)perylene	17.36	276	601444	47.559	ng		100

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

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