Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012920\
Data File : BF118734.D
Acq On : 29 Jan 2020 16:32
Operator : CG/JU
Sample : PB126434BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jan 30 00:52:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 27 14:24:10 2020
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB126434BS

Manual Integrations APPROVED
mohammad
1/30/2020 10:18:14 AM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	327551	20.00	ng		-0.01
21) Naphthalene-d8	8.13	136	1236270	20.00	ng		-0.01
39) Acenaphthene-d10	9.89	164	646676	20.00	ng		-0.01
64) Phenanthrene-d10	11.37	188	1248367	20.00	ng		-0.01
76) Chrysene-d12	14.01	240	921970	20.00	ng		-0.01
87) Perylene-d12	15.46	264	619759	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	1990090	112.84	ng		0.00
7) Phenol-d6	6.49	99	2532402	110.48	ng		0.00
23) Nitrobenzene-d5	7.41	82	1585813	71.75	ng		-0.01
42) 2,4,6-Tribromophenol	10.67	330	929315	124.25	ng		-0.01
45) 2-Fluorobiphenyl	9.21	172	3150422	80.07	ng		-0.01
79) Terphenyl-d14	12.95	244	3465923	81.99	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.71	88	280687	32.859	ng		99
3) Pyridine	3.46	79	757467	31.461	ng		99
4) n-Nitrosodimethylamine	3.40	42	307044	29.747	ng		100
6) Aniline	6.51	93	677937	22.460	ng		99
8) 2-Chlorophenol	6.64	128	788884	39.852	ng		97
9) Benzaldehyde	6.39	77	18590	1.334	ng		94
10) Phenol	6.50	94	936534	35.851	ng		99
11) bis(2-Chloroethyl)ether	6.59	93	716280	36.957	ng		97
12) 1,3-Dichlorobenzene	6.79	146	871000	37.592	ng		99
13) 1,4-Dichlorobenzene	6.87	146	872758	37.525	ng		99
14) 1,2-Dichlorobenzene	7.02	146	811158	37.100	ng		99
15) Benzyl Alcohol	6.99	79	689315	37.920	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	866633	32.102	ng		99
17) 2-Methylphenol	7.10	107	655547	39.756	ng		99
18) Hexachloroethane	7.36	117	305102	36.177	ng		99
19) n-Nitroso-di-n-propylamine	7.26	70	519443	33.560	ng		99
20) 3+4-Methylphenols	7.25	107	778695	38.680	ng		96
22) Acetophenone	7.26	105	1027497	35.085	ng	#	98
24) Nitrobenzene	7.43	77	801832	35.430	ng		99
25) Isophorone	7.67	82	1463536	36.304	ng		100
26) 2-Nitrophenol	7.75	139	443743	45.979	ng		99
27) 2,4-Dimethylphenol	7.78	122	712040	42.726	ng		99
28) bis(2-Chloroethoxy)methane	7.87	93	912604	35.133	ng		99
29) 2,4-Dichlorophenol	7.99	162	717145	38.927	ng		99
30) 1,2,4-Trichlorobenzene	8.07	180	794165	37.179	ng		98
31) Naphthalene	8.15	128	2226647	39.871	ng		100
32) Benzoic acid	7.90	122	483506	38.658	ng		97
33) 4-Chloroaniline	8.20	127	501204	19.417	ng		97
34) Hexachlorobutadiene	8.27	225	456934	35.126	ng		97
35) Caprolactam	8.56	113	214662m	35.606	ng		
36) 4-Chloro-3-methylphenol	8.68	107	728644	40.052	ng		99
37) 2-Methylnaphthalene	8.85	142	1594170	40.441	ng		100
38) 1-Methylnaphthalene	8.95	142	1497091	39.975	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	797464	39.412	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	519927	50.930 ng	100
43) 2,4,6-Trichlorophenol	9.12	196	557492	41.520 ng	99
44) 2,4,5-Trichlorophenol	9.17	196	564301	41.151 ng	98
46) 1,1'-Biphenyl	9.31	154	1891466	42.439 ng	99
47) 2-Chloronaphthalene	9.33	162	1538134	40.945 ng	99
48) 2-Nitroaniline	9.42	65	425120	36.814 ng	97
49) Acenaphthylene	9.75	152	2317166	43.846 ng	100
50) Dimethylphthalate	9.61	163	1799868	42.720 ng	100
51) 2,6-Dinitrotoluene	9.67	165	426339	45.189 ng	89
52) Acenaphthene	9.92	154	1586410	44.892 ng	100
53) 3-Nitroaniline	9.83	138	279064	25.904 ng	94
54) 2,4-Dinitrophenol	9.95	184	382218	101.479 ng	96
55) Dibenzofuran	10.09	168	2135447	43.606 ng	99
56) 4-Nitrophenol	10.00	139	634220	77.986 ng	98
57) 2,4-Dinitrotoluene	10.07	165	567983	47.756 ng	94
58) Fluorene	10.43	166	1610698	41.896 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.21	232	504759	41.849 ng	100
60) Diethylphthalate	10.31	149	1750508	42.852 ng	99
61) 4-Chlorophenyl-phenylether	10.43	204	849380	40.622 ng	98
62) 4-Nitroaniline	10.45	138	386566	34.982 ng	97
63) Azobenzene	10.59	77	1527124	38.601 ng	99
65) 4,6-Dinitro-2-methylphenol	10.48	198	283931	51.724 ng	95
66) n-Nitrosodiphenylamine	10.55	169	1495648	39.727 ng	99
67) 4-Bromophenyl-phenylether	10.92	248	590437	38.283 ng	98
68) Hexachlorobenzene	10.99	284	656167	37.526 ng	98
69) Atrazine	11.07	200	384029	29.430 ng	100
70) Pentachlorophenol	11.18	266	985502	101.370 ng	100
71) Phenanthrene	11.40	178	2400553	39.859 ng	100
72) Anthracene	11.45	178	2387171	40.058 ng	100
73) Carbazole	11.60	167	2123820	38.854 ng	100
74) Di-n-butylphthalate	11.93	149	2538356	41.797 ng	99
75) Fluoranthene	12.58	202	2525150	39.753 ng	99
77) Benzidine	12.69	184	415196	16.854 ng	100
78) Pyrene	12.81	202	2498000	39.908 ng	100
80) Butylbenzylphthalate	13.43	149	1077056	42.044 ng	98
81) Benzo(a)anthracene	14.00	228	2031337	36.626 ng	99
82) 3,3'-Dichlorobenzidine	13.96	252	623871	31.568 ng	98
83) Chrysene	14.03	228	1939889	36.495 ng	99
84) Bis(2-ethylhexyl)phthalate	13.99	149	1396333	44.615 ng	98
85) Di-n-octyl phthalate	14.60	149	2220338	47.929 ng	100
86) Indeno(1,2,3-cd)pyrene	16.92	276	2058342	44.567 ng	99
88) Benzo(b)fluoranthene	15.04	252	2032445	52.172 ng	99
89) Benzo(k)fluoranthene	15.07	252	1633218	45.252 ng	99
90) Benzo(a)pyrene	15.40	252	1723502	51.287 ng	98
91) Dibenzo(a,h)anthracene	16.94	278	1728373	58.144 ng	100
92) Benzo(g,h,i)perylene	17.36	276	1755786	60.834 ng	100

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

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