Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031920\
Data File : BF119444.D
Acq On : 19 Mar 2020 17:59
Operator : CG/JU
Sample : PB127678BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB127678BS

Manual Integrations APPROVED
mohammad
3/20/2020 11:47:22 AM

Quant Time: Mar 19 19:14:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 18 15:11:18 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	347331	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	1322871	20.00	ng		-0.01
39) Acenaphthene-d10	9.90	164	689699	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	1272913	20.00	ng		0.00
76) Chrysene-d12	14.03	240	792412	20.00	ng		0.00
87) Perylene-d12	15.49	264	589527	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	2280021	104.50	ng		0.01
7) Phenol-d6	6.48	99	2895229	103.88	ng		0.00
23) Nitrobenzene-d5	7.42	82	1609207	66.11	ng		0.00
42) 2,4,6-Tribromophenol	10.69	330	776108	109.07	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	3022500	64.92	ng		0.00
79) Terphenyl-d14	12.97	244	3080762	76.17	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.68	88	354269	32.876	ng		99
3) Pyridine	3.42	79	858735	28.926	ng		96
4) n-Nitrosodimethylamine	3.36	42	521903	36.050	ng		98
6) Aniline	6.51	93	1070571	27.831	ng		100
8) 2-Chlorophenol	6.63	128	930440	40.603	ng		98
9) Benzaldehyde	6.40	77	401727	22.721	ng		98
10) Phenol	6.49	94	1194599	40.168	ng		95
11) bis(2-Chloroethyl)ether	6.59	93	916709	38.541	ng		97
12) 1,3-Dichlorobenzene	6.79	146	960256	38.717	ng		98
13) 1,4-Dichlorobenzene	6.87	146	970422	39.117	ng		98
14) 1,2-Dichlorobenzene	7.02	146	914726	39.448	ng		99
15) Benzyl Alcohol	6.99	79	821922	39.203	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1754577	36.571	ng		98
17) 2-Methylphenol	7.10	107	772562	36.796	ng		99
18) Hexachloroethane	7.36	117	370465	40.749	ng		97
19) n-Nitroso-di-n-propylamine	7.26	70	646490	38.482	ng		99
20) 3+4-Methylphenols	7.25	107	937317	36.427	ng	#	90
22) Acetophenone	7.26	105	1229908	38.909	ng	#	98
24) Nitrobenzene	7.43	77	985001	37.866	ng		96
25) Isophorone	7.67	82	1826224	36.986	ng		98
26) 2-Nitrophenol	7.75	139	463271	45.231	ng		93
27) 2,4-Dimethylphenol	7.79	122	876382	41.381	ng		98
28) bis(2-Chloroethoxy)methane	7.89	93	1149683	39.376	ng		99
29) 2,4-Dichlorophenol	7.99	162	768816	39.509	ng		100
30) 1,2,4-Trichlorobenzene	8.07	180	833066	38.711	ng		99
31) Naphthalene	8.16	128	2656953	39.029	ng		99
32) Benzoic acid	7.90	122	505625	37.115	ng		99
33) 4-Chloroaniline	8.20	127	689957	22.118	ng		97
34) Hexachlorobutadiene	8.28	225	466253	38.723	ng		98
35) Caprolactam	8.57	113	257274m	40.397	ng		
36) 4-Chloro-3-methylphenol	8.69	107	815180	38.328	ng		97
37) 2-Methylnaphthalene	8.85	142	1779773	39.836	ng		99
38) 1-Methylnaphthalene	8.95	142	1672752	39.556	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	749314	37.066	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	792486	68.955	ng		99
43) 2,4,6-Trichlorophenol	9.13	196	563575	38.957	ng		98
44) 2,4,5-Trichlorophenol	9.16	196	586479	36.189	ng		97
46) 1,1'-Biphenyl	9.32	154	2093549	37.270	ng		100
47) 2-Chloronaphthalene	9.34	162	1634915	37.157	ng		100
48) 2-Nitroaniline	9.43	65	573338	37.751	ng		98
49) Acenaphthylene	9.76	152	2589266	37.473	ng		99
50) Dimethylphthalate	9.62	163	1861839	38.005	ng		100
51) 2,6-Dinitrotoluene	9.67	165	411885	39.225	ng		98
52) Acenaphthene	9.93	154	1701926	39.510	ng		100
53) 3-Nitroaniline	9.85	138	341077	25.728	ng		95
54) 2,4-Dinitrophenol	9.95	184	313568	70.011	ng	#	83
55) Dibenzofuran	10.10	168	2323448	37.621	ng		100
56) 4-Nitrophenol	10.00	139	783641	74.933	ng		97
57) 2,4-Dinitrotoluene	10.08	165	531309	40.166	ng		91
58) Fluorene	10.45	166	1732835	37.942	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.22	232	484578	40.002	ng		99
60) Diethylphthalate	10.32	149	1903373	38.281	ng		99
61) 4-Chlorophenyl-phenylether	10.44	204	846395	37.898	ng		97
62) 4-Nitroaniline	10.46	138	436793	34.359	ng		96
63) Azobenzene	10.60	77	1871966	37.387	ng		97
65) 4,6-Dinitro-2-methylphenol	10.49	198	223689	41.908	ng		88
66) n-Nitrosodiphenylamine	10.56	169	1601543	38.326	ng		98
67) 4-Bromophenyl-phenylether	10.93	248	547601	37.774	ng		99
68) Hexachlorobenzene	10.99	284	584878	39.420	ng		99
69) Atrazine	11.09	200	496385	43.329	ng		97
70) Pentachlorophenol	11.19	266	642761	73.882	ng		97
71) Phenanthrene	11.41	178	2509861	38.026	ng		100
72) Anthracene	11.46	178	2572861	38.354	ng		99
73) Carbazole	11.62	167	2398178	36.118	ng		99
74) Di-n-butylphthalate	11.95	149	2850501	40.132	ng		99
75) Fluoranthene	12.60	202	2672746	37.417	ng		99
77) Benzidine	12.72	184	634737	18.928	ng		98
78) Pyrene	12.83	202	2723147	41.874	ng		99
80) Butylbenzylphthalate	13.45	149	1190408	45.258	ng		98
81) Benzo(a)anthracene	14.02	228	2025458	39.307	ng		99
82) 3,3'-Dichlorobenzidine	13.98	252	660182	32.493	ng		97
83) Chrysene	14.06	228	2062355	38.780	ng		99
84) Bis(2-ethylhexyl)phthalate	14.01	149	1458528	46.517	ng		100
85) Di-n-octyl phthalate	14.63	149	2424800	43.972	ng		98
86) Indeno(1,2,3-cd)pyrene	16.96	276	1771508	35.370	ng		98
88) Benzo(b)fluoranthene	15.06	252	1793304	45.538	ng		100
89) Benzo(k)fluoranthene	15.10	252	1602608	42.738	ng		98
90) Benzo(a)pyrene	15.43	252	1481031	41.383	ng		97
91) Dibenzo(a,h)anthracene	16.98	278	1447949	46.256	ng		98
92) Benzo(g,h,i)perylene	17.41	276	1565053	49.767	ng		97

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

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