Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042320\
Data File : BF120163.D
Acq On : 23 Apr 2020 15:09
Operator : MA/SJ
Sample : PB128358BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB128358BS

Manual Integrations APPROVED
mohammad
4/24/2020 1:34:05 PM

Quant Time: Apr 23 15:41:39 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 23 13:31:01 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	138551	20.00	ng		0.00
21) Naphthalene-d8	7.95	136	541332	20.00	ng		0.00
39) Acenaphthene-d10	9.70	164	286414	20.00	ng		0.00
64) Phenanthrene-d10	11.19	188	557393	20.00	ng		0.00
76) Chrysene-d12	13.83	240	407710	20.00	ng		0.00
87) Perylene-d12	15.23	264	365663	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	1022534	127.54	ng		0.01
7) Phenol-d6	6.31	99	1338295	129.55	ng		0.00
23) Nitrobenzene-d5	7.23	82	828134	79.14	ng		0.00
42) 2,4,6-Tribromophenol	10.50	330	369782	105.45	ng		0.00
45) 2-Fluorobiphenyl	9.03	172	1668114	82.69	ng		0.00
79) Terphenyl-d14	12.78	244	1862905	76.88	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.35	88	139183	38.978	ng		96
3) Pyridine	3.02	79	372772	38.049	ng		98
4) n-Nitrosodimethylamine	2.97	42	208697	41.692	ng		98
6) Aniline	6.33	93	476784	35.164	ng	#	43
8) 2-Chlorophenol	6.45	128	427747	47.752	ng		97
9) Benzaldehyde	6.21	77	170582	26.426	ng		97
10) Phenol	6.32	94	547076	46.679	ng	#	69
11) bis(2-Chloroethyl)ether	6.40	93	397972	43.979	ng		98
12) 1,3-Dichlorobenzene	6.60	146	425685	43.407	ng		97
13) 1,4-Dichlorobenzene	6.68	146	439045	43.949	ng		98
14) 1,2-Dichlorobenzene	6.83	146	410155	44.550	ng		99
15) Benzyl Alcohol	6.82	79	347618	43.324	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.95	45	701770	39.853	ng		94
17) 2-Methylphenol	6.93	107	352070	44.041	ng		96
18) Hexachloroethane	7.17	117	164874	44.161	ng		99
19) n-Nitroso-di-n-propylamine	7.09	70	298202	44.890	ng		97
20) 3+4-Methylphenols	7.09	107	442428	45.252	ng		95
22) Acetophenone	7.08	105	573705	45.258	ng	#	93
24) Nitrobenzene	7.25	77	446300	42.399	ng		98
25) Isophorone	7.49	82	835680	41.429	ng		98
26) 2-Nitrophenol	7.57	139	232716	44.252	ng		92
27) 2,4-Dimethylphenol	7.62	122	361836	45.621	ng		99
28) bis(2-Chloroethoxy)methane	7.71	93	520872	43.883	ng		99
29) 2,4-Dichlorophenol	7.82	162	358826	44.137	ng		96
30) 1,2,4-Trichlorobenzene	7.89	180	378932	41.135	ng		98
31) Naphthalene	7.97	128	1222182	42.912	ng		98
32) Benzoic acid	7.76	122	276989	39.764	ng		99
33) 4-Chloroaniline	8.02	127	249423	20.116	ng		99
34) Hexachlorobutadiene	8.09	225	218051	39.543	ng		97
35) Caprolactam	8.40	113	111494m	44.833	ng		
36) 4-Chloro-3-methylphenol	8.52	107	396835	45.085	ng		96
37) 2-Methylnaphthalene	8.66	142	833902	43.187	ng		98
38) 1-Methylnaphthalene	8.76	142	792889	43.566	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.83	216	373645	41.304	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	400203	77.800	ng		98
43) 2,4,6-Trichlorophenol	8.95	196	260853	41.758	ng		99
44) 2,4,5-Trichlorophenol	8.99	196	284043	40.371	ng		94
46) 1,1'-Biphenyl	9.13	154	1009373	41.753	ng		99
47) 2-Chloronaphthalene	9.15	162	785099	42.157	ng		100
48) 2-Nitroaniline	9.25	65	279761	41.454	ng		98
49) Acenaphthylene	9.57	152	1254828	44.305	ng		97
50) Dimethylphthalate	9.44	163	936200	42.259	ng		99
51) 2,6-Dinitrotoluene	9.50	165	207832	42.841	ng		95
52) Acenaphthene	9.74	154	736893	39.004	ng		97
53) 3-Nitroaniline	9.66	138	141117	25.469	ng		98
54) 2,4-Dinitrophenol	9.78	184	240000	82.631	ng		97
55) Dibenzofuran	9.91	168	1120836	43.233	ng		99
56) 4-Nitrophenol	9.85	139	318408	77.236	ng		96
57) 2,4-Dinitrotoluene	9.90	165	267211	41.806	ng		93
58) Fluorene	10.26	166	904332	43.616	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.03	232	236510	43.952	ng		98
60) Diethylphthalate	10.14	149	976462	42.527	ng		100
61) 4-Chlorophenyl-phenylether	10.25	204	431698	40.623	ng		97
62) 4-Nitroaniline	10.29	138	224366	42.491	ng		99
63) Azobenzene	10.41	77	923465	44.878	ng		98
65) 4,6-Dinitro-2-methylphenol	10.32	198	162902	44.361	ng		96
66) n-Nitrosodiphenylamine	10.37	169	815003	43.965	ng		99
67) 4-Bromophenyl-phenylether	10.73	248	270815	39.069	ng		97
68) Hexachlorobenzene	10.80	284	286528	40.746	ng	#	92
69) Atrazine	10.90	200	250563	48.581	ng		99
70) Pentachlorophenol	11.00	266	281423	69.446	ng		98
71) Phenanthrene	11.22	178	1286549	43.369	ng		98
72) Anthracene	11.27	178	1344038	44.351	ng		98
73) Carbazole	11.42	167	1224613	42.732	ng		98
74) Di-n-butylphthalate	11.76	149	1590013	42.205	ng		100
75) Fluoranthene	12.40	202	1425865	44.547	ng		99
77) Benzidine	12.53	184	777942	56.447	ng		98
78) Pyrene	12.63	202	1412810	41.105	ng		98
80) Butylbenzylphthalate	13.26	149	660379	39.596	ng		97
81) Benzo(a)anthracene	13.82	228	1145174	42.696	ng		99
82) 3,3'-Dichlorobenzidine	13.78	252	244961	24.477	ng		98
83) Chrysene	13.86	228	1161862	42.632	ng		98
84) Bis(2-ethylhexyl)phthalate	13.82	149	891446	39.470	ng		100
85) Di-n-octyl phthalate	14.43	149	1564194	40.676	ng		98
86) Indeno(1,2,3-cd)pyrene	16.58	276	972719	40.490	ng		99
88) Benzo(b)fluoranthene	14.84	252	1150748	43.746	ng		99
89) Benzo(k)fluoranthene	14.86	252	967582	42.632	ng		98
90) Benzo(a)pyrene	15.17	252	940929	42.543	ng		99
91) Dibenzo(a,h)anthracene	16.60	278	815587	41.630	ng		100
92) Benzo(g,h,i)perylene	16.99	276	784169	40.550	ng		99

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

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