Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040120\
Data File : BF119688.D
Acq On : 2 Apr 2020 1:16
Operator : MA/SJ
Sample : PB127937BS
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB127937BS

Manual Integrations APPROVED
mohammad
4/3/2020 11:14:36 PM

Quant Time: Apr 02 02:56:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 01 11:59:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	221628	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	892093	20.00	ng		0.00
39) Acenaphthene-d10	9.86	164	468227	20.00	ng		0.00
64) Phenanthrene-d10	11.35	188	904528	20.00	ng		0.00
76) Chrysene-d12	13.99	240	645385	20.00	ng		-0.01
87) Perylene-d12	15.44	264	694473	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	1153553	82.86	ng		0.01
7) Phenol-d6	6.44	99	1479577	83.19	ng		0.00
23) Nitrobenzene-d5	7.38	82	1301042	79.26	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	460123	95.25	ng		0.00
45) 2-Fluorobiphenyl	9.18	172	2510581	79.43	ng		0.00
79) Terphenyl-d14	12.93	244	2861252	86.86	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	215070	31.278	ng		97
3) Pyridine	3.33	79	605677	31.973	ng		92
4) n-Nitrosodimethylamine	3.29	42	334724	36.234	ng		95
6) Aniline	6.47	93	934306	38.064	ng		96
8) 2-Chlorophenol	6.59	128	685993	46.914	ng		98
9) Benzaldehyde	6.36	77	382117	33.870	ng		99
10) Phenol	6.46	94	908915	47.897	ng		97
11) bis(2-Chloroethyl)ether	6.55	93	660633	43.528	ng		98
12) 1,3-Dichlorobenzene	6.75	146	683158	43.168	ng		98
13) 1,4-Dichlorobenzene	6.83	146	693004	43.779	ng		98
14) 1,2-Dichlorobenzene	6.99	146	648321	43.817	ng		97
15) Benzyl Alcohol	6.95	79	571068	42.687	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.09	45	1182945	38.641	ng		98
17) 2-Methylphenol	7.07	107	564646	42.146	ng		97
18) Hexachloroethane	7.33	117	260563	44.916	ng		97
19) n-Nitroso-di-n-propylamine	7.23	70	474754	44.288	ng		97
20) 3+4-Methylphenols	7.22	107	686278	41.798	ng	#	80
22) Acetophenone	7.22	105	894809	41.978	ng	#	89
24) Nitrobenzene	7.40	77	722348	41.178	ng		95
25) Isophorone	7.64	82	1359059	40.816	ng		99
26) 2-Nitrophenol	7.71	139	371182	53.740	ng		94
27) 2,4-Dimethylphenol	7.75	122	604353	42.316	ng		99
28) bis(2-Chloroethoxy)methane	7.85	93	862050	43.782	ng		100
29) 2,4-Dichlorophenol	7.95	162	581149	44.286	ng		99
30) 1,2,4-Trichlorobenzene	8.04	180	610127	42.041	ng		98
31) Naphthalene	8.12	128	1956142	42.610	ng		99
32) Benzoic acid	7.87	122	444700	48.406	ng		92
33) 4-Chloroaniline	8.17	127	672990	31.992	ng		97
34) Hexachlorobutadiene	8.24	225	346905	42.723	ng		98
35) Caprolactam	8.54	113	194479m	45.283	ng		
36) 4-Chloro-3-methylphenol	8.65	107	642998	44.831	ng		100
37) 2-Methylnaphthalene	8.82	142	1352795	44.900	ng		99
38) 1-Methylnaphthalene	8.91	142	1291185	45.277	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	569946	41.529	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	704284	90.266	ng		100
43) 2,4,6-Trichlorophenol	9.09	196	441554	44.959	ng		99
44) 2,4,5-Trichlorophenol	9.13	196	473738	43.059	ng		97
46) 1,1'-Biphenyl	9.28	154	1620976	42.506	ng		99
47) 2-Chloronaphthalene	9.30	162	1272798	42.609	ng		99
48) 2-Nitroaniline	9.40	65	471423	45.723	ng		93
49) Acenaphthylene	9.72	152	2028142	43.236	ng		97
50) Dimethylphthalate	9.58	163	1521823	45.758	ng		99
51) 2,6-Dinitrotoluene	9.64	165	350834	49.214	ng		93
52) Acenaphthene	9.89	154	1400064	47.876	ng		99
53) 3-Nitroaniline	9.81	138	309040	34.338	ng		93
54) 2,4-Dinitrophenol	9.92	184	342365	108.173	ng		92
55) Dibenzofuran	10.06	168	1825031	43.528	ng		100
56) 4-Nitrophenol	9.97	139	598782	84.338	ng		95
57) 2,4-Dinitrotoluene	10.05	165	463509	51.614	ng		95
58) Fluorene	10.41	166	1396975	45.056	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.18	232	389543	47.367	ng		99
60) Diethylphthalate	10.28	149	1564053	46.335	ng		100
61) 4-Chlorophenyl-phenylether	10.40	204	670250	44.206	ng		99
62) 4-Nitroaniline	10.43	138	387912	44.948	ng		95
63) Azobenzene	10.56	77	1492915	43.920	ng		98
65) 4,6-Dinitro-2-methylphenol	10.45	198	240131	63.310	ng		87
66) n-Nitrosodiphenylamine	10.52	169	1309295	44.093	ng		99
67) 4-Bromophenyl-phenylether	10.89	248	453190	43.993	ng	#	90
68) Hexachlorobenzene	10.96	284	485100	46.010	ng	#	92
69) Atrazine	11.05	200	407226	50.024	ng		98
70) Pentachlorophenol	11.15	266	526246	85.124	ng		98
71) Phenanthrene	11.37	178	2055603	43.827	ng		99
72) Anthracene	11.42	178	2114347	44.355	ng		99
73) Carbazole	11.57	167	1962453	41.593	ng		99
74) Di-n-butylphthalate	11.91	149	2395450	47.460	ng		100
75) Fluoranthene	12.56	202	2223022	43.795	ng		99
77) Benzidine	12.68	184	1510546	55.305	ng		99
78) Pyrene	12.79	202	2254529	42.565	ng		99
80) Butylbenzylphthalate	13.41	149	1012397	47.259	ng		100
81) Benzo(a)anthracene	13.97	228	1774446	42.281	ng		100
82) 3,3'-Dichlorobenzidine	13.94	252	532031	32.151	ng		100
83) Chrysene	14.02	228	1860199	42.948	ng		99
84) Bis(2-ethylhexyl)phthalate	13.97	149	1310334	51.311	ng		99
85) Di-n-octyl phthalate	14.58	149	2352099	52.370	ng		98
86) Indeno(1,2,3-cd)pyrene	16.89	276	2058017	50.451	ng		99
88) Benzo(b)fluoranthene	15.02	252	1981113	42.705	ng		98
89) Benzo(k)fluoranthene	15.05	252	1848861	41.855	ng		98
90) Benzo(a)pyrene	15.38	252	1772956	42.054	ng		99
91) Dibenzo(a,h)anthracene	16.92	278	1677005	45.478	ng		99
92) Benzo(g,h,i)perylene	17.34	276	1693341	45.709	ng		98

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

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