Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
Data File : BF119711.D
Acq On : 3 Apr 2020 11:37
Operator : MA/SJ
Sample : PB127859BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB127859BSD

Manual Integrations APPROVED
mohammad
4/6/2020 1:38:39 PM

Quant Time: Apr 03 14:21:43 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	6.80	152	237507	20.00	ng		-0.01
21) Naphthalene-d8	8.09	136	930071	20.00	ng		-0.01
39) Acenaphthene-d10	9.85	164	470885	20.00	ng		-0.01
64) Phenanthrene-d10	11.34	188	901048	20.00	ng		-0.01
76) Chrysene-d12	13.99	240	661948	20.00	ng		-0.01
87) Perylene-d12	15.43	264	645532	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	1216045	81.51	ng		0.01
7) Phenol-d6	6.44	99	1562025	81.96	ng		0.00
23) Nitrobenzene-d5	7.37	82	1337413	78.15	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	438992	90.37	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	2401151	75.54	ng		0.00
79) Terphenyl-d14	12.93	244	2773537	82.09	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.62	88	237238	32.195	ng		96
3) Pyridine	3.35	79	670592	33.033	ng		94
4) n-Nitrosodimethylamine	3.30	42	361803	36.547	ng		88
6) Aniline	6.47	93	902499	34.310	ng		95
8) 2-Chlorophenol	6.59	128	744336	47.501	ng		95
9) Benzaldehyde	6.35	77	368333	30.465	ng		99
10) Phenol	6.45	94	956259	47.023	ng		100
11) bis(2-Chloroethyl)ether	6.54	93	699108	42.983	ng		99
12) 1,3-Dichlorobenzene	6.75	146	726448	42.834	ng		97
13) 1,4-Dichlorobenzene	6.82	146	745490	43.946	ng		98
14) 1,2-Dichlorobenzene	6.98	146	692248	43.658	ng		98
15) Benzyl Alcohol	6.95	79	603658	42.107	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.09	45	1208089	36.824	ng		98
17) 2-Methylphenol	7.06	107	591497	41.199	ng		98
18) Hexachloroethane	7.32	117	272597	43.849	ng		96
19) n-Nitroso-di-n-propylamine	7.23	70	476498	41.479	ng		97
20) 3+4-Methylphenols	7.22	107	710278	40.367	ng	#	84
22) Acetophenone	7.22	105	923607	41.560	ng		95
24) Nitrobenzene	7.39	77	746726	40.830	ng		98
25) Isophorone	7.63	82	1356850	39.086	ng		99
26) 2-Nitrophenol	7.71	139	391584	54.379	ng	#	86
27) 2,4-Dimethylphenol	7.75	122	622599	41.814	ng		98
28) bis(2-Chloroethoxy)methane	7.85	93	861417	41.963	ng		99
29) 2,4-Dichlorophenol	7.95	162	593974	43.415	ng		97
30) 1,2,4-Trichlorobenzene	8.03	180	630764	41.689	ng		99
31) Naphthalene	8.12	128	2007112	41.935	ng		99
32) Benzoic acid	7.88	122	512083	53.464	ng		93
33) 4-Chloroaniline	8.16	127	585901	26.715	ng		97
34) Hexachlorobutadiene	8.23	225	350225	41.371	ng		99
35) Caprolactam	8.53	113	199959m	44.658	ng		
36) 4-Chloro-3-methylphenol	8.65	107	638900	42.727	ng		99
37) 2-Methylnaphthalene	8.81	142	1354407	43.118	ng		97
38) 1-Methylnaphthalene	8.91	142	1290631	43.409	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	575408	41.690	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	687749	87.649	ng		100
43) 2,4,6-Trichlorophenol	9.09	196	443130	44.865	ng		100
44) 2,4,5-Trichlorophenol	9.13	196	459033	41.487	ng		96
46) 1,1'-Biphenyl	9.27	154	1601609	41.761	ng		99
47) 2-Chloronaphthalene	9.30	162	1259087	41.912	ng		99
48) 2-Nitroaniline	9.39	65	457904	44.161	ng		95
49) Acenaphthylene	9.72	152	1991531	42.216	ng		99
50) Dimethylphthalate	9.58	163	1439242	43.030	ng		100
51) 2,6-Dinitrotoluene	9.64	165	338936	47.277	ng		93
52) Acenaphthene	9.89	154	1391745m	47.323	ng		
53) 3-Nitroaniline	9.80	138	266006	29.390	ng		95
54) 2,4-Dinitrophenol	9.92	184	411620	127.899	ng		98
55) Dibenzofuran	10.06	168	1781186	42.242	ng		97
56) 4-Nitrophenol	9.97	139	636562	89.154	ng		86
57) 2,4-Dinitrotoluene	10.05	165	453481	50.212	ng	#	84
58) Fluorene	10.40	166	1351978	43.359	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	391635	47.353	ng		97
60) Diethylphthalate	10.28	149	1481439	43.640	ng		99
61) 4-Chlorophenyl-phenylether	10.39	204	647417	42.459	ng		99
62) 4-Nitroaniline	10.43	138	386008	44.475	ng		89
63) Azobenzene	10.56	77	1414250	41.371	ng		96
65) 4,6-Dinitro-2-methylphenol	10.45	198	259740	68.745	ng		99
66) n-Nitrosodiphenylamine	10.52	169	1258221	42.536	ng		99
67) 4-Bromophenyl-phenylether	10.89	248	427956	41.704	ng		94
68) Hexachlorobenzene	10.95	284	467391	44.502	ng		95
69) Atrazine	11.05	200	376609	46.441	ng		98
70) Pentachlorophenol	11.15	266	535304	86.924	ng		98
71) Phenanthrene	11.36	178	2002667	42.864	ng		99
72) Anthracene	11.42	178	2070463	43.602	ng		99
73) Carbazole	11.57	167	1953944	41.572	ng		100
74) Di-n-butylphthalate	11.90	149	2260938	44.968	ng		100
75) Fluoranthene	12.56	202	2197893	43.468	ng		97
77) Benzidine	12.67	184	1119918	39.977	ng		99
78) Pyrene	12.79	202	2219060	40.848	ng		99
80) Butylbenzylphthalate	13.40	149	954599	43.446	ng		98
81) Benzo(a)anthracene	13.97	228	1812310	42.102	ng		100
82) 3,3'-Dichlorobenzidine	13.93	252	548819	32.336	ng		97
83) Chrysene	14.01	228	1846885	41.573	ng		99
84) Bis(2-ethylhexyl)phthalate	13.96	149	1203220	45.937	ng		99
85) Di-n-octyl phthalate	14.57	149	2215190	48.088	ng		97
86) Indeno(1,2,3-cd)pyrene	16.89	276	1767149	42.237	ng		99
88) Benzo(b)fluoranthene	15.02	252	1860782	43.152	ng		98
89) Benzo(k)fluoranthene	15.04	252	1797902	43.787	ng		99
90) Benzo(a)pyrene	15.38	252	1662887	42.433	ng		98
91) Dibenzo(a,h)anthracene	16.91	278	1462301	42.662	ng		100
92) Benzo(g,h,i)perylene	17.33	276	1462879	42.482	ng		96

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

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