Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
Data File : BF119725.D
Acq On : 3 Apr 2020 17:57
Operator : MA/SJ
Sample : L2101-01MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
239-WC-S-SB-01MSD

Manual Integrations APPROVED
mohammad
4/6/2020 1:38:50 PM

Quant Time: Apr 03 18:30:17 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	207983	20.00	ng		-0.01
21) Naphthalene-d8	8.09	136	809820	20.00	ng		-0.01
39) Acenaphthene-d10	9.85	164	424390	20.00	ng		-0.01
64) Phenanthrene-d10	11.34	188	809764	20.00	ng		-0.01
76) Chrysene-d12	13.98	240	577047	20.00	ng		-0.02
87) Perylene-d12	15.43	264	520286	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	1892900	144.88	ng		0.02
7) Phenol-d6	6.45	99	2271539	136.10	ng		0.00
23) Nitrobenzene-d5	7.37	82	1637807	109.91	ng		0.00
42) 2,4,6-Tribromophenol	10.64	330	768138	175.44	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	2998227	104.66	ng		0.00
79) Terphenyl-d14	12.93	244	3361446	114.13	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.76	88	289732	44.901	ng	#	81
3) Pyridine	3.45	79	682051	38.367	ng		91
4) n-Nitrosodimethylamine	3.38	42	412401	47.572	ng		91
6) Aniline	6.47	93	488808	21.221	ng		97
8) 2-Chlorophenol	6.59	128	826825	60.255	ng		99
9) Benzaldehyde	6.35	77	291929	27.573	ng		100
10) Phenol	6.46	94	885727	49.737	ng		99
11) bis(2-Chloroethyl)ether	6.55	93	924607	64.917	ng		95
12) 1,3-Dichlorobenzene	6.75	146	836278	56.310	ng		96
13) 1,4-Dichlorobenzene	6.82	146	841656	56.658	ng		98
14) 1,2-Dichlorobenzene	6.98	146	782950	56.388	ng		97
15) Benzyl Alcohol	6.95	79	687858	54.791	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.08	45	1364177	47.485	ng		96
17) 2-Methylphenol	7.06	107	658897	52.408	ng		99
18) Hexachloroethane	7.32	117	313170	57.527	ng		96
19) n-Nitroso-di-n-propylamine	7.23	70	562776	55.944	ng		97
20) 3+4-Methylphenols	7.22	107	786270	51.030	ng	#	77
22) Acetophenone	7.22	105	1083721	56.005	ng	#	92
24) Nitrobenzene	7.39	77	859868	53.998	ng		98
25) Isophorone	7.63	82	1590156	52.608	ng		99
26) 2-Nitrophenol	7.70	139	454644	72.511	ng		94
27) 2,4-Dimethylphenol	7.75	122	744198	57.402	ng		99
28) bis(2-Chloroethoxy)methane	7.84	93	1001522	56.033	ng		99
29) 2,4-Dichlorophenol	7.95	162	684481	57.459	ng		98
30) 1,2,4-Trichlorobenzene	8.03	180	730585	55.456	ng		97
31) Naphthalene	8.12	128	2388883	57.323	ng		99
32) Benzoic acid	7.88	122	537442	64.444	ng		96
33) 4-Chloroaniline	8.16	127	408137	21.373	ng		97
34) Hexachlorobutadiene	8.23	225	398428	54.054	ng		99
35) Caprolactam	8.54	113	186951m	47.953	ng		
36) 4-Chloro-3-methylphenol	8.65	107	750777	57.664	ng		100
37) 2-Methylnaphthalene	8.81	142	1600739	58.527	ng		98
38) 1-Methylnaphthalene	8.90	142	1506165	58.181	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	674853	54.252	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	753630	106.568	ng		98
43) 2,4,6-Trichlorophenol	9.09	196	537491	60.380	ng		99
44) 2,4,5-Trichlorophenol	9.13	196	519968	52.143	ng		98
46) 1,1'-Biphenyl	9.27	154	1887638	54.612	ng		99
47) 2-Chloronaphthalene	9.30	162	1468783	54.249	ng		98
48) 2-Nitroaniline	9.39	65	553220	59.198	ng		96
49) Acenaphthylene	9.72	152	2320813	54.585	ng		99
50) Dimethylphthalate	9.58	163	1728538	57.342	ng		99
51) 2,6-Dinitrotoluene	9.64	165	393108	60.840	ng		96
52) Acenaphthene	9.89	154	1648792m	62.205	ng		
53) 3-Nitroaniline	9.80	138	272913	33.456	ng		94
54) 2,4-Dinitrophenol	9.92	184	472015	160.752	ng		97
55) Dibenzofuran	10.06	168	2092812	55.070	ng		100
56) 4-Nitrophenol	9.97	139	635827	98.807	ng		93
57) 2,4-Dinitrotoluene	10.05	165	532691	65.445	ng		91
58) Fluorene	10.40	166	1607393	57.198	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	440358	59.077	ng		98
60) Diethylphthalate	10.28	149	1735566	56.727	ng		99
61) 4-Chlorophenyl-phenylether	10.39	204	754154	54.877	ng		99
62) 4-Nitroaniline	10.43	138	435569	55.683	ng		96
63) Azobenzene	10.56	77	1670968	54.235	ng		94
65) 4,6-Dinitro-2-methylphenol	10.45	198	304819	89.770	ng		94
66) n-Nitrosodiphenylamine	10.52	169	1508482	56.745	ng		99
67) 4-Bromophenyl-phenylether	10.89	248	508706	55.161	ng	#	92
68) Hexachlorobenzene	10.95	284	546957	57.948	ng		93
69) Atrazine	11.04	200	422498	57.973	ng		99
70) Pentachlorophenol	11.14	266	633858	114.530	ng		97
71) Phenanthrene	11.36	178	2362482	56.265	ng		100
72) Anthracene	11.42	178	2402556	56.300	ng		99
73) Carbazole	11.57	167	2283999	54.073	ng		99
74) Di-n-butylphthalate	11.90	149	2641057	58.450	ng		100
75) Fluoranthene	12.55	202	2567254	56.496	ng		99
77) Benzidine	12.67	184	215375	8.819	ng		99
78) Pyrene	12.78	202	2575773	54.390	ng		99
80) Butylbenzylphthalate	13.40	149	1131381	59.067	ng		99
81) Benzo(a)anthracene	13.97	228	1986115	52.929	ng		99
82) 3,3'-Dichlorobenzidine	13.93	252	581049	39.272	ng		99
83) Chrysene	14.01	228	2075000	53.581	ng		100
84) Bis(2-ethylhexyl)phthalate	13.96	149	1418051	62.105	ng		98
85) Di-n-octyl phthalate	14.57	149	2512712	62.572	ng		98
86) Indeno(1,2,3-cd)pyrene	16.89	276	1986826	54.474	ng		98
88) Benzo(b)fluoranthene	15.01	252	2072890	59.643	ng		97
89) Benzo(k)fluoranthene	15.04	252	1797090	54.303	ng		99
90) Benzo(a)pyrene	15.37	252	1752673	55.491	ng		99
91) Dibenzo(a,h)anthracene	16.90	278	1627048	58.895	ng		100
92) Benzo(g,h,i)perylene	17.33	276	1674438	60.331	ng		99

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

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