Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022120\
Data File : BF119007.D
Acq On : 21 Feb 2020 22:13
Operator : CG/JU
Sample : L1613-02MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-14-EP2-3MSD

Manual Integrations APPROVED
mohammad
2/24/2020 2:11:40 PM

Quant Time: Feb 24 03:11:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 20 17:40:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	171468	20.00	ng		0.00
21) Naphthalene-d8	8.04	136	631241	20.00	ng		0.00
39) Acenaphthene-d10	9.79	164	315202	20.00	ng		0.00
64) Phenanthrene-d10	11.27	188	497535	20.00	ng		0.00
76) Chrysene-d12	13.91	240	356329	20.00	ng		0.00
87) Perylene-d12	15.33	264	348706	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	931660	90.80	ng		0.00
7) Phenol-d6	6.40	99	1132280	90.74	ng		0.00
23) Nitrobenzene-d5	7.32	82	731025	61.15	ng		0.00
42) 2,4,6-Tribromophenol	10.58	330	336343	81.57	ng		0.00
45) 2-Fluorobiphenyl	9.12	172	1387485	64.85	ng		0.00
79) Terphenyl-d14	12.85	244	1310087	63.30	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	147747	32.342	ng		99
3) Pyridine	3.26	79	378665	30.352	ng		99
4) n-Nitrosodimethylamine	3.19	42	143128	37.871	ng		96
6) Aniline	6.42	93	218282	14.177	ng	#	1
8) 2-Chlorophenol	6.55	128	449856	40.627	ng		99
9) Benzaldehyde	6.30	77	188404	22.598	ng		98
10) Phenol	6.42	94	516726	38.300	ng		91
11) bis(2-Chloroethyl)ether	6.49	93	402887	39.029	ng		99
12) 1,3-Dichlorobenzene	6.70	146	491757	37.054	ng		99
13) 1,4-Dichlorobenzene	6.77	146	499822	37.636	ng		100
14) 1,2-Dichlorobenzene	6.93	146	459668	37.952	ng		98
15) Benzyl Alcohol	6.90	79	363712	40.329	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.03	45	335300	37.496	ng		91
17) 2-Methylphenol	7.02	107	355990	39.654	ng		96
18) Hexachloroethane	7.27	117	160328	33.744	ng		98
19) n-Nitroso-di-n-propylamine	7.17	70	288240	39.641	ng		99
20) 3+4-Methylphenols	7.17	107	438282	39.849	ng	#	73
22) Acetophenone	7.16	105	579305	39.664	ng	#	93
24) Nitrobenzene	7.34	77	442613	37.438	ng		100
25) Isophorone	7.58	82	797761	38.423	ng		100
26) 2-Nitrophenol	7.66	139	233018	37.199	ng		99
27) 2,4-Dimethylphenol	7.70	122	367409	43.216	ng		96
28) bis(2-Chloroethoxy)methane	7.79	93	499000	36.923	ng		100
29) 2,4-Dichlorophenol	7.90	162	371878	37.156	ng		98
30) 1,2,4-Trichlorobenzene	7.98	180	425236	35.835	ng		99
31) Naphthalene	8.06	128	1227073	37.482	ng		99
32) Benzoic acid	7.84	122	200581	34.514	ng		99
33) 4-Chloroaniline	8.11	127	121209	8.608	ng		99
34) Hexachlorobutadiene	8.18	225	259525	35.111	ng		99
35) Caprolactam	8.48	113	117970m	38.280	ng		
36) 4-Chloro-3-methylphenol	8.60	107	371440	36.671	ng		97
37) 2-Methylnaphthalene	8.75	142	828822	37.620	ng		99
38) 1-Methylnaphthalene	8.85	142	770600	37.192	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.92	216	414519	39.005	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.90	237	70264	25.425 ng	96
43) 2,4,6-Trichlorophenol	9.03	196	267311	39.831 ng	99
44) 2,4,5-Trichlorophenol	9.08	196	272249	38.659 ng	97
46) 1,1'-Biphenyl	9.22	154	986826	38.737 ng	100
47) 2-Chloronaphthalene	9.24	162	772497	37.630 ng	99
48) 2-Nitroaniline	9.33	65	208390	36.395 ng	96
49) Acenaphthylene	9.65	152	1155674	38.978 ng	99
50) Dimethylphthalate	9.52	163	1126658	46.744 ng	100
51) 2,6-Dinitrotoluene	9.58	165	203910	38.079 ng	89
52) Acenaphthene	9.83	154	661636	37.008 ng	99
53) 3-Nitroaniline	9.75	138	100214	16.881 ng	99
54) 2,4-Dinitrophenol	9.86	184	56925	27.304 ng	99
55) Dibenzofuran	10.00	168	1009599	37.834 ng	99
56) 4-Nitrophenol	9.92	139	259192	72.667 ng	96
57) 2,4-Dinitrotoluene	9.99	165	248703	35.831 ng	98
58) Fluorene	10.34	166	766310	36.956 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.12	232	211536	35.598 ng	98
60) Diethylphthalate	10.22	149	900276	39.635 ng	99
61) 4-Chlorophenyl-phenylether	10.33	204	420114	38.276 ng	100
62) 4-Nitroaniline	10.36	138	151205	24.895 ng	96
63) Azobenzene	10.49	77	726908	36.818 ng	96
65) 4,6-Dinitro-2-methylphenol	10.40	198	59035	19.609 ng	99
66) n-Nitrosodiphenylamine	10.45	169	702850	43.143 ng	99
67) 4-Bromophenyl-phenylether	10.82	248	265258	40.787 ng	98
68) Hexachlorobenzene	10.89	284	274659	36.630 ng	97
69) Atrazine	10.97	200	240416	42.238 ng	98
70) Pentachlorophenol	11.09	266	242241	80.201 ng	99
71) Phenanthrene	11.30	178	1042055	38.405 ng	99
72) Anthracene	11.35	178	1063636	39.233 ng	99
73) Carbazole	11.50	167	904872	37.466 ng	99
74) Di-n-butylphthalate	11.83	149	1233093	42.159 ng	99
75) Fluoranthene	12.49	202	1033084	35.870 ng	98
77) Benzidine	12.60	184	665327	45.911 ng	97
78) Pyrene	12.71	202	1032712	36.093 ng	99
80) Butylbenzylphthalate	13.33	149	448399	37.235 ng	95
81) Benzo(a)anthracene	13.90	228	931961	38.385 ng	99
82) 3,3'-Dichlorobenzidine	13.86	252	353684	37.516 ng	99
83) Chrysene	13.93	228	916625	37.890 ng	99
84) Bis(2-ethylhexyl)phthalate	13.89	149	629757	41.394 ng	99
85) Di-n-octyl phthalate	14.50	149	1064203	43.903 ng	100
86) Indeno(1,2,3-cd)pyrene	16.74	276	760800	32.479 ng	99
88) Benzo(b)fluoranthene	14.93	252	878209	38.208 ng	99
89) Benzo(k)fluoranthene	14.96	252	880846	41.353 ng	100
90) Benzo(a)pyrene	15.27	252	755009	36.396 ng	99
91) Dibenzo(a,h)anthracene	16.75	278	650838	35.657 ng	98
92) Benzo(g,h,i)perylene	17.16	276	597473	33.129 ng	98

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

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