Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100520\
Data File : BF121812.D
Acq On : 5 Oct 2020 11:29
Operator : JU/CG
Sample : PB132057BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB132057BS

Manual Integrations APPROVED
mohammad
10/7/2020 10:35:51 AM

Quant Time: Oct 05 12:03:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 01 14:29:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	139610	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	553876	20.00	ng		0.00
39) Acenaphthene-d10	9.80	164	299114	20.00	ng		0.00
64) Phenanthrene-d10	11.29	188	566224	20.00	ng		0.00
76) Chrysene-d12	13.93	240	453687	20.00	ng		0.00
86) Perylene-d12	15.36	264	416041	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	1189466	126.62	ng		0.00
7) Phenol-d6	6.42	99	1510495	122.56	ng		0.00
23) Nitrobenzene-d5	7.34	82	1035201	100.35	ng		0.00
42) 2,4,6-Tribromophenol	10.60	330	535357	144.01	ng		0.00
45) 2-Fluorobiphenyl	9.13	172	1756451	88.94	ng		0.00
79) Terphenyl-d14	12.87	244	2254775	100.69	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	150493	34.870	ng		99
3) Pyridine	3.24	79	438138	36.722	ng		99
4) n-Nitrosodimethylamine	3.19	42	230079	41.574	ng		99
6) Aniline	6.43	93	527137	32.840	ng	#	21
8) 2-Chlorophenol	6.56	128	439413	45.941	ng		93
9) Benzaldehyde	6.32	77	231941	28.788	ng		97
10) Phenol	6.43	94	517270	39.413	ng		82
11) bis(2-Chloroethyl)ether	6.50	93	432983	43.773	ng		99
12) 1,3-Dichlorobenzene	6.70	146	447760	41.942	ng		99
13) 1,4-Dichlorobenzene	6.78	146	455510	42.494	ng		99
14) 1,2-Dichlorobenzene	6.94	146	414481	41.973	ng		99
15) Benzyl Alcohol	6.92	79	354000	42.259	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.05	45	673375	42.304	ng		92
17) 2-Methylphenol	7.03	107	363276	44.638	ng		95
18) Hexachloroethane	7.27	117	168785	43.975	ng		98
19) n-Nitroso-di-n-propylamine	7.19	70	309988	43.642	ng		98
20) 3+4-Methylphenols	7.19	107	423655	43.328	ng	#	88
22) Acetophenone	7.18	105	567565	40.388	ng		96
24) Nitrobenzene	7.36	77	475761	42.642	ng		97
25) Isophorone	7.60	82	877444	42.254	ng		99
26) 2-Nitrophenol	7.67	139	234004	44.735	ng		95
27) 2,4-Dimethylphenol	7.71	122	363117	39.173	ng		99
28) bis(2-Chloroethoxy)methane	7.80	93	548638	42.677	ng		99
29) 2,4-Dichlorophenol	7.92	162	363777	43.088	ng		98
30) 1,2,4-Trichlorobenzene	7.99	180	373912	42.052	ng		100
31) Naphthalene	8.07	128	1204786	41.206	ng		100
32) Benzoic acid	7.87	122	202010	31.924	ng		99
33) 4-Chloroaniline	8.12	127	468705	36.981	ng		99
34) Hexachlorobutadiene	8.19	225	225933	43.289	ng		98
35) Caprolactam	8.52	113	138947m	49.420	ng		
36) 4-Chloro-3-methylphenol	8.62	107	405469	44.582	ng		99
37) 2-Methylnaphthalene	8.76	142	812918	42.426	ng		98
38) 1-Methylnaphthalene	8.86	142	758208	42.518	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.93	216	377543	40.408	ng		99

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Quant Time: Oct 05 12:03:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 01 14:29:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.92	237	266793	50.001	ng		99
43) 2,4,6-Trichlorophenol	9.05	196	263112	41.314	ng		100
44) 2,4,5-Trichlorophenol	9.09	196	281775	41.852	ng		97
46) 1,1'-Biphenyl	9.23	154	961112	40.137	ng		100
47) 2-Chloronaphthalene	9.26	162	766583	40.624	ng		98
48) 2-Nitroaniline	9.36	65	276350	47.127	ng		94
49) Acenaphthylene	9.67	152	1172413	40.437	ng		99
50) Dimethylphthalate	9.53	163	968385	44.669	ng		100
51) 2,6-Dinitrotoluene	9.60	165	211732	45.859	ng		98
52) Acenaphthene	9.84	154	703830	38.434	ng		98
53) 3-Nitroaniline	9.77	138	193888	36.251	ng		97
54) 2,4-Dinitrophenol	9.89	184	212200	79.722	ng		96
55) Dibenzofuran	10.02	168	1029506	39.921	ng		98
56) 4-Nitrophenol	9.95	139	294431	69.028	ng		92
57) 2,4-Dinitrotoluene	10.00	165	264531	45.542	ng	#	89
58) Fluorene	10.36	166	828586	42.014	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.13	232	237322	43.359	ng		98
60) Diethylphthalate	10.23	149	926491	43.833	ng		100
61) 4-Chlorophenyl-phenylether	10.35	204	409201	43.314	ng		99
62) 4-Nitroaniline	10.39	138	236387	44.513	ng		97
63) Azobenzene	10.50	77	965926	42.913	ng		99
65) 4,6-Dinitro-2-methylphenol	10.42	198	164037	47.324	ng		94
66) n-Nitrosodiphenylamine	10.47	169	803963	41.386	ng		98
67) 4-Bromophenyl-phenylether	10.83	248	283202	43.930	ng		98
68) Hexachlorobenzene	10.90	284	316513	43.505	ng		96
69) Atrazine	11.00	200	242996	50.349	ng		99
70) Pentachlorophenol	11.10	266	270295	67.650	ng		99
71) Phenanthrene	11.32	178	1261547	40.893	ng		99
72) Anthracene	11.37	178	1292196	40.589	ng		99
73) Carbazole	11.52	167	1183232	41.186	ng		100
74) Di-n-butylphthalate	11.85	149	1452613	43.809	ng		100
75) Fluoranthene	12.50	202	1397153	42.425	ng		98
77) Benzidine	12.62	184	690227	45.891	ng		100
78) Pyrene	12.73	202	1374420	41.463	ng		99
80) Butylbenzylphthalate	13.34	149	628498	46.882	ng		98
81) Benzo(a)anthracene	13.92	228	1254500	43.707	ng		100
82) 3,3'-Dichlorobenzidine	13.88	252	417005	37.214	ng		98
83) Chrysene	13.96	228	1222461	42.060	ng		99
84) Bis(2-ethylhexyl)phthalate	13.90	149	861624	48.110	ng		99
85) Di-n-octyl phthalate	14.52	149	1507531	47.697	ng		100
87) Indeno(1,2,3-cd)pyrene	16.79	276	1187689	43.836	ng		100
88) Benzo(b)fluoranthene	14.96	252	1260614	45.325	ng		99
89) Benzo(k)fluoranthene	14.99	252	1173031	46.057	ng		99
90) Benzo(a)pyrene	15.31	252	1103803	46.689	ng		99
91) Dibenzo(a,h)anthracene	16.80	278	980766	43.486	ng		100
92) Benzo(g,h,i)perylene	17.22	276	942945	42.533	ng		99

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

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