Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082820\
Data File : BF121455.D
Acq On : 28 Aug 2020 12:13
Operator : JU/CG
Sample : PB131187BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB131187BSD

Manual Integrations APPROVED
mohammad
8/31/2020 10:27:14 AM

Quant Time: Aug 28 14:02:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 28 09:25:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	308106	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	1205436	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	630753	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	1201233	20.00	ng		0.00
76) Chrysene-d12	14.03	240	923217	20.00	ng		0.00
86) Perylene-d12	15.49	264	846452	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1822857	99.26	ng		0.01
7) Phenol-d6	6.49	99	2402764	93.63	ng		0.00
23) Nitrobenzene-d5	7.42	82	1519202	86.16	ng		0.00
42) 2,4,6-Tribromophenol	10.69	330	744582	116.87	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	2850763	72.93	ng		0.00
79) Terphenyl-d14	12.97	244	2935202	66.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.72	88	461453	52.690	ng		100
3) Pyridine	3.46	79	676582	28.369	ng		100
4) n-Nitrosodimethylamine	3.42	42	397609	37.716	ng		95
6) Aniline	6.52	93	1129730	37.101	ng		100
8) 2-Chlorophenol	6.65	128	832093	44.644	ng		96
9) Benzaldehyde	6.41	77	543985	45.318	ng		98
10) Phenol	6.50	94	1080018	43.020	ng		99
11) bis(2-Chloroethyl)ether	6.60	93	803802	39.407	ng		96
12) 1,3-Dichlorobenzene	6.80	146	836074	37.256	ng		97
13) 1,4-Dichlorobenzene	6.88	146	840976	37.393	ng		99
14) 1,2-Dichlorobenzene	7.03	146	815665	38.950	ng		99
15) Benzyl Alcohol	7.00	79	702881	41.728	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1159525	38.373	ng		99
17) 2-Methylphenol	7.11	107	678130	41.817	ng		99
18) Hexachloroethane	7.37	117	308061	40.024	ng		97
19) n-Nitroso-di-n-propylamine	7.27	70	593187	41.361	ng		99
20) 3+4-Methylphenols	7.26	107	835554	42.578	ng		89
22) Acetophenone	7.27	105	1097981	36.956	ng	#	95
24) Nitrobenzene	7.44	77	854941	48.372	ng		98
25) Isophorone	7.69	82	1615214	40.728	ng		100
26) 2-Nitrophenol	7.76	139	376013	50.037	ng		96
27) 2,4-Dimethylphenol	7.79	122	775280	47.134	ng		96
28) bis(2-Chloroethoxy)methane	7.89	93	1029859	38.188	ng		100
29) 2,4-Dichlorophenol	8.00	162	693577	42.706	ng		99
30) 1,2,4-Trichlorobenzene	8.09	180	733975	36.892	ng		99
31) Naphthalene	8.17	128	2302673	38.477	ng		99
32) Benzoic acid	7.92	122	478631	47.106	ng		100
33) 4-Chloroaniline	8.21	127	811654	30.451	ng		99
34) Hexachlorobutadiene	8.29	225	425458	35.960	ng		99
35) Caprolactam	8.58	113	228130m	43.068	ng		
36) 4-Chloro-3-methylphenol	8.69	107	728913	42.568	ng		99
37) 2-Methylnaphthalene	8.86	142	1598521	40.316	ng		99
38) 1-Methylnaphthalene	8.96	142	1503599	40.160	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	707660	37.848	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	837856	106.560	ng		100
43) 2,4,6-Trichlorophenol	9.13	196	512871	43.398	ng		97
44) 2,4,5-Trichlorophenol	9.17	196	542558	46.428	ng		99
46) 1,1'-Biphenyl	9.32	154	1923845	40.420	ng		99
47) 2-Chloronaphthalene	9.35	162	1463257	37.402	ng		98
48) 2-Nitroaniline	9.44	65	466355	43.236	ng		96
49) Acenaphthylene	9.76	152	2386124	40.662	ng		99
50) Dimethylphthalate	9.63	163	1739921	40.158	ng		100
51) 2,6-Dinitrotoluene	9.68	165	382526	47.227	ng		92
52) Acenaphthene	9.93	154	1566285	42.270	ng		99
53) 3-Nitroaniline	9.85	138	326404	33.418	ng	#	98
54) 2,4-Dinitrophenol	9.96	184	299907	79.799	ng	#	83
55) Dibenzofuran	10.11	168	2145354	39.858	ng		99
56) 4-Nitrophenol	10.01	139	687192	81.935	ng		93
57) 2,4-Dinitrotoluene	10.09	165	481796	48.168	ng		97
58) Fluorene	10.45	166	1602227	39.487	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.22	232	467635	48.064	ng		99
60) Diethylphthalate	10.33	149	1788426	41.085	ng		100
61) 4-Chlorophenyl-phenylether	10.44	204	800059	39.354	ng		100
62) 4-Nitroaniline	10.47	138	425833	40.955	ng		98
63) Azobenzene	10.60	77	1751032	40.677	ng		99
65) 4,6-Dinitro-2-methylphenol	10.49	198	196184	53.016	ng		96
66) n-Nitrosodiphenylamine	10.56	169	1526434	40.177	ng		100
67) 4-Bromophenyl-phenylether	10.93	248	518860	39.264	ng		99
68) Hexachlorobenzene	11.00	284	592336	38.332	ng		98
69) Atrazine	11.09	200	443922	40.290	ng		100
70) Pentachlorophenol	11.19	266	693493	98.233	ng		97
71) Phenanthrene	11.41	178	2398550	38.909	ng		100
72) Anthracene	11.46	178	2467783	40.702	ng		100
73) Carbazole	11.62	167	2288562	39.144	ng		100
74) Di-n-butylphthalate	11.95	149	2696150	41.511	ng		100
75) Fluoranthene	12.60	202	2641750	39.763	ng		100
77) Benzidine	12.72	184	1584845	78.712	ng		99
78) Pyrene	12.83	202	2683611	40.701	ng		100
80) Butylbenzylphthalate	13.45	149	1168697	46.009	ng		96
81) Benzo(a)anthracene	14.02	228	2168947	38.485	ng		100
82) 3,3'-Dichlorobenzidine	13.98	252	707559	34.277	ng		98
83) Chrysene	14.06	228	2193783	38.908	ng		99
84) Bis(2-ethylhexyl)phthalate	14.01	149	1449532	44.184	ng		99
85) Di-n-octyl phthalate	14.63	149	2615505	47.043	ng		100
87) Indeno(1,2,3-cd)pyrene	16.96	276	2075809	39.858	ng		100
88) Benzo(b)fluoranthene	15.06	252	2294147	41.665	ng		100
89) Benzo(k)fluoranthene	15.10	252	2090112	40.811	ng		100
90) Benzo(a)pyrene	15.43	252	1972334	39.836	ng		100
91) Dibenzo(a,h)anthracene	16.97	278	1732597	40.641	ng		99
92) Benzo(g,h,i)perylene	17.40	276	1672886	40.735	ng		98

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

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