Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042421\
Data File : BF123714.D
Acq On : 24 Apr 2021 13:29
Operator : JU/CG
Sample : PB135943BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB135943BSD

Manual Integrations APPROVED
mohammad
4/26/2021 11:38:34 AM

Quant Time: Apr 26 06:07:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 26 05:40:49 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.822	152	381806	20.00	ng		0.00
21) Naphthalene-d8	8.110	136	1515970	20.00	ng		0.00
39) Acenaphthene-d10	9.869	164	780647	20.00	ng		0.00
64) Phenanthrene-d10	11.351	188	1430453	20.00	ng		0.00
76) Chrysene-d12	13.998	240	935987	20.00	ng		0.00
86) Perylene-d12	15.456	264	575240	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.457	112	2430670	102.90	ng		0.02
7) Phenol-d6	6.475	99	3305701	100.99	ng		0.01
23) Nitrobenzene-d5	7.392	82	2089549	63.37	ng		0.00
42) 2,4,6-Tribromophenol	10.663	330	924401	104.57	ng		0.01
45) 2-Fluorobiphenyl	9.186	172	3151766	60.19	ng		0.00
79) Terphenyl-d14	12.939	244	3252150	67.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.657	88	441167	35.75	ng		97
3) Pyridine	3.393	79	1122624	37.20	ng		95
4) n-Nitrosodimethylamine	3.351	42	726919	40.65	ng		98
6) Aniline	6.492	93	999608	25.94	ng	#	68
8) 2-Chlorophenol	6.616	128	1061727	41.84	ng		97
9) Benzaldehyde	6.369	77	150699	7.05	ng		97
10) Phenol	6.486	94	1384076	39.81	ng		85
11) bis(2-Chloroethyl)ether	6.563	93	1108484	42.88	ng		98
12) 1,3-Dichlorobenzene	6.769	146	1027826	39.40	ng		96
13) 1,4-Dichlorobenzene	6.845	146	1042223	39.37	ng		95
14) 1,2-Dichlorobenzene	6.998	146	967952	38.91	ng		99
15) Benzyl Alcohol	6.975	79	1096716	42.46	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.104	45	2382423	40.83	ng		97
17) 2-Methylphenol	7.086	107	966751	44.34	ng		92
18) Hexachloroethane	7.339	117	439902	41.68	ng		97
19) n-Nitroso-di-n-propyla...	7.251	70	879390	40.55	ng		94
20) 3+4-Methylphenols	7.245	107	1114520	40.06	ng		97
22) Acetophenone	7.239	105	1640210	39.01	ng	#	90
24) Nitrobenzene	7.410	77	1346392	38.78	ng		95
25) Isophorone	7.651	82	2560342	40.02	ng		100
26) 2-Nitrophenol	7.728	139	582170	49.07	ng		96
27) 2,4-Dimethylphenol	7.769	122	978592	44.69	ng		97
28) bis(2-Chloroethoxy)met...	7.863	93	1438274	44.80	ng		100
29) 2,4-Dichlorophenol	7.975	162	861953	40.43	ng		98
30) 1,2,4-Trichlorobenzene	8.051	180	899128	39.25	ng		97
31) Naphthalene	8.133	128	2979214	38.15	ng		99
32) Benzoic acid	7.922	122	727677	49.77	ng		92
33) 4-Chloroaniline	8.180	127	543194	16.94	ng		96
34) Hexachlorobutadiene	8.251	225	547488	38.09	ng		100
35) Caprolactam	8.569	113	303663m	40.80	ng		
36) 4-Chloro-3-methylphenol	8.675	107	1118581	40.46	ng		94
37) 2-Methylnaphthalene	8.822	142	2005527	39.17	ng		99
38) 1-Methylnaphthalene	8.922	142	1838632	37.95	ng		100
40) 1,2,4,5-Tetrachloroben...	8.992	216	866551	40.22	ng		99
41) Hexachlorocyclopentadiene	8.980	237	747462	66.76	ng		98
43) 2,4,6-Trichlorophenol	9.104	196	615529	42.10	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.157	196	657054	41.11	ng		97
46) 1,1'-Biphenyl	9.292	154	2380584	38.96	ng		99
47) 2-Chloronaphthalene	9.316	162	1758441	38.25	ng		98
48) 2-Nitroaniline	9.410	65	815240	42.56	ng		94
49) Acenaphthylene	9.733	152	2981022	39.64	ng		99
50) Dimethylphthalate	9.598	163	2144725	39.77	ng		100
51) 2,6-Dinitrotoluene	9.657	165	480883	40.62	ng		97
52) Acenaphthene	9.904	154	2136449m	44.27	ng		
53) 3-Nitroaniline	9.822	138	332129	24.18	ng		97
54) 2,4-Dinitrophenol	9.933	184	552912	106.33	ng		94
55) Dibenzofuran	10.074	168	2525966	36.49	ng		98
56) 4-Nitrophenol	10.004	139	781173	74.23	ng		97
57) 2,4-Dinitrotoluene	10.063	165	626127	39.60	ng	#	84
58) Fluorene	10.416	166	1994598	36.66	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.192	232	528202	41.50	ng		97
60) Diethylphthalate	10.298	149	2258406	38.25	ng		97
61) 4-Chlorophenyl-phenyle...	10.410	204	943911	37.58	ng		97
62) 4-Nitroaniline	10.445	138	513394	37.02	ng		95
63) Azobenzene	10.569	77	2445453	36.56	ng		97
65) 4,6-Dinitro-2-methylph...	10.469	198	343501	46.02	ng		97
66) n-Nitrosodiphenylamine	10.533	169	1765919	38.56	ng		100
67) 4-Bromophenyl-phenylether	10.898	248	612960	40.99	ng		96
68) Hexachlorobenzene	10.969	284	689491	40.91	ng	#	93
69) Atrazine	11.063	200	539791	37.82	ng		97
70) Pentachlorophenol	11.163	266	729495	82.84	ng		97
71) Phenanthrene	11.380	178	2762533	37.00	ng		98
72) Anthracene	11.433	178	2783403	37.31	ng		99
73) Carbazole	11.586	167	2682372	36.02	ng		98
74) Di-n-butylphthalate	11.916	149	3407543	37.81	ng		99
75) Fluoranthene	12.568	202	2959579	36.07	ng		99
77) Benzidine	12.680	184	452320	17.78	ng		100
78) Pyrene	12.798	202	2970913	43.49	ng		99
80) Butylbenzylphthalate	13.415	149	1369555	42.67	ng		97
81) Benzo(a)anthracene	13.986	228	2149774	37.48	ng		100
82) 3,3'-Dichlorobenzidine	13.951	252	588211	32.10	ng		99
83) Chrysene	14.027	228	2133776	37.05	ng		99
84) Bis(2-ethylhexyl)phtha...	13.974	149	1713336	40.14	ng		99
85) Di-n-octyl phthalate	14.592	149	2667619	38.83	ng		99
87) Indeno(1,2,3-cd)pyrene	16.915	276	1785038	58.16	ng		99
88) Benzo(b)fluoranthene	15.033	252	1832571	45.12	ng		99
89) Benzo(k)fluoranthene	15.062	252	1729386	47.63	ng		99
90) Benzo(a)pyrene	15.398	252	1518017	46.99	ng		99
91) Dibenzo(a,h)anthracene	16.933	278	1478750	56.96	ng		99
92) Benzo(g,h,i)perylene	17.356	276	1507683	56.49	ng		96

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

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