Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041521\
Data File : BF123573.D
Acq On : 15 Apr 2021 18:15
Operator : JU/CG
Sample : PB135703BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB135703BSD

Manual Integrations APPROVED
mohammad
4/16/2021 11:31:55 AM

Quant Time: Apr 16 00:29:06 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 15 15:43:17 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	262247	20.00	ng	0.00
21) Naphthalene-d8	8.157	136	1042527	20.00	ng	0.00
39) Acenaphthene-d10	9.916	164	541121	20.00	ng	0.00
64) Phenanthrene-d10	11.410	188	1083136	20.00	ng	0.00
76) Chrysene-d12	14.057	240	774159	20.00	ng	0.00
86) Perylene-d12	15.539	264	576028	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	1279077	78.83	ng	0.00
7) Phenol-d6	6.498	99	1702886	75.74	ng	0.00
23) Nitrobenzene-d5	7.434	82	1712997	75.54	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	517309	84.42	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	2764498	76.16	ng	0.00
79) Terphenyl-d14	12.998	244	3277246	82.28	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.704	88	277598	32.75	ng	97
3) Pyridine	3.446	79	737008	35.56	ng	95
4) n-Nitrosodimethylamine	3.404	42	466542	37.98	ng	99
6) Aniline	6.528	93	509159	19.24	ng	97
8) 2-Chlorophenol	6.651	128	691821	39.70	ng	99
9) Benzaldehyde	6.416	77	517721	35.27	ng	98
10) Phenol	6.510	94	911051	38.15	ng	98
11) bis(2-Chloroethyl)ether	6.604	93	697237	39.27	ng	99
12) 1,3-Dichlorobenzene	6.810	146	684780	38.22	ng	98
13) 1,4-Dichlorobenzene	6.887	146	692203	38.07	ng	97
14) 1,2-Dichlorobenzene	7.039	146	655970	38.39	ng	96
15) Benzyl Alcohol	7.010	79	717281	40.43	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.145	45	1601483	39.96	ng	99
17) 2-Methylphenol	7.122	107	602425	40.23	ng	95
18) Hexachloroethane	7.386	117	287865	39.71	ng	97
19) n-Nitroso-di-n-propyla...	7.287	70	584281	39.23	ng	98
20) 3+4-Methylphenols	7.275	107	770835	40.34	ng	93
22) Acetophenone	7.281	105	1082446	37.44	ng	98
24) Nitrobenzene	7.451	77	865558	36.25	ng	96
25) Isophorone	7.692	82	1629794	37.04	ng	99
26) 2-Nitrophenol	7.769	139	362586	44.44	ng	97
27) 2,4-Dimethylphenol	7.804	122	629745	41.82	ng	99
28) bis(2-Chloroethoxy)met...	7.904	93	915766	41.48	ng	99
29) 2,4-Dichlorophenol	8.010	162	562376	38.36	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	588235	37.34	ng	98
31) Naphthalene	8.175	128	1956162	36.43	ng	99
32) Benzoic acid	7.934	122	438234	44.15	ng	91
33) 4-Chloroaniline	8.216	127	121367	5.50	ng	98
34) Hexachlorobutadiene	8.298	225	364899	36.91	ng	99
35) Caprolactam	8.598	113	204903m	40.03	ng	
36) 4-Chloro-3-methylphenol	8.710	107	755374	39.73	ng	96
37) 2-Methylnaphthalene	8.875	142	1339560	38.04	ng	98
38) 1-Methylnaphthalene	8.969	142	1247086	37.43	ng	98
40) 1,2,4,5-Tetrachloroben...	9.039	216	574745	38.48	ng	98
41) Hexachlorocyclopentadiene	9.028	237	802241	103.37	ng	96
43) 2,4,6-Trichlorophenol	9.151	196	414211	40.87	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	451082	40.71	ng		94
46) 1,1'-Biphenyl	9.339	154	1640160	38.73	ng		100
47) 2-Chloronaphthalene	9.363	162	1223622	38.39	ng		99
48) 2-Nitroaniline	9.457	65	541587	40.79	ng		98
49) Acenaphthylene	9.780	152	2117297	40.61	ng		99
50) Dimethylphthalate	9.639	163	1485224	39.73	ng		99
51) 2,6-Dinitrotoluene	9.698	165	324775	39.57	ng		94
52) Acenaphthene	9.951	154	1489380m	44.53	ng		
53) 3-Nitroaniline	9.863	138	128782	13.53	ng		99
54) 2,4-Dinitrophenol	9.975	184	379637	105.32	ng		93
55) Dibenzofuran	10.128	168	1811550	37.75	ng		99
56) 4-Nitrophenol	10.033	139	583207	79.95	ng		95
57) 2,4-Dinitrotoluene	10.104	165	457371	41.73	ng	#	86
58) Fluorene	10.469	166	1438293	38.14	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	371073	42.06	ng		99
60) Diethylphthalate	10.345	149	1659769	40.55	ng		97
61) 4-Chlorophenyl-phenyle...	10.457	204	690676	39.67	ng		99
62) 4-Nitroaniline	10.486	138	355087	36.93	ng		90
63) Azobenzene	10.622	77	1772271	38.23	ng		98
65) 4,6-Dinitro-2-methylph...	10.516	198	222385	39.35	ng		84
66) n-Nitrosodiphenylamine	10.580	169	1264046	36.46	ng		99
67) 4-Bromophenyl-phenylether	10.951	248	430238	38.00	ng		97
68) Hexachlorobenzene	11.016	284	482709	37.82	ng		94
69) Atrazine	11.110	200	435614	40.31	ng		98
70) Pentachlorophenol	11.210	266	562912	84.42	ng		100
71) Phenanthrene	11.433	178	2015063	35.65	ng		99
72) Anthracene	11.486	178	2106802	37.29	ng		100
73) Carbazole	11.639	167	1963399	34.82	ng		98
74) Di-n-butylphthalate	11.969	149	2669797	39.12	ng		100
75) Fluoranthene	12.621	202	2222346	35.77	ng		99
77) Benzidine	12.739	184	877265	41.69	ng		100
78) Pyrene	12.857	202	2216159	39.22	ng		98
80) Butylbenzylphthalate	13.474	149	1090915	41.09	ng		99
81) Benzo(a)anthracene	14.045	228	1701410	35.86	ng		99
82) 3,3'-Dichlorobenzidine	14.004	252	137506	9.07	ng	#	99
83) Chrysene	14.086	228	1672147	35.10	ng		99
84) Bis(2-ethylhexyl)phtha...	14.039	149	1455553	41.23	ng		99
85) Di-n-octyl phthalate	14.657	149	2424675	42.67	ng		99
87) Indeno(1,2,3-cd)pyrene	17.039	276	1254693	40.83	ng		99
88) Benzo(b)fluoranthene	15.110	252	1422278	34.97	ng		99
89) Benzo(k)fluoranthene	15.139	252	1359637	37.04	ng		99
90) Benzo(a)pyrene	15.480	252	1175508	36.34	ng		97
91) Dibenzo(a,h)anthracene	17.056	278	1059259	40.75	ng		99
92) Benzo(g,h,i)perylene	17.492	276	1026651	41.83	ng		98

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

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