Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090721\
Data File : BF125383.D
Acq On : 7 Sep 2021 12:28
Operator : JU/CG
Sample : PB138926BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB138926BSD

Manual Integrations APPROVED
mohammad
9/9/2021 11:50:34 AM

Quant Time: Sep 07 12:58:27 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 03 11:56:34 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.898	152	169551	20.000	ng		0.00
21) Naphthalene-d8	8.181	136	640775	20.000	ng	#	0.00
39) Acenaphthene-d10	9.939	164	318133	20.000	ng		0.00
64) Phenanthrene-d10	11.427	188	506711	20.000	ng		0.00
76) Chrysene-d12	14.068	240	307356	20.000	ng	#	0.00
86) Perylene-d12	15.556	264	352264	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.534	112	1095134	97.764	ng		0.01
7) Phenol-d6	6.539	99	1349842	93.173	ng		0.00
23) Nitrobenzene-d5	7.463	82	925929	72.748	ng		0.00
42) 2,4,6-Tribromophenol	10.733	330	367940	115.862	ng		0.00
45) 2-Fluorobiphenyl	9.257	172	1549455	67.881	ng		0.00
79) Terphenyl-d14	13.010	244	1395511	72.332	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.763	88	179483	32.471	ng	#	100
3) Pyridine	3.528	79	423160	28.999	ng	#	90
4) n-Nitrosodimethylamine	3.481	42	262744	35.983	ng	#	36
6) Aniline	6.563	93	613525	36.052	ng	#	91
8) 2-Chlorophenol	6.686	128	431567	37.766	ng		83
9) Benzaldehyde	6.451	77	317386	31.216	ng		92
10) Phenol	6.551	94	560490	36.943	ng		89
11) bis(2-Chloroethyl)ether	6.634	93	460049	38.502	ng		85
12) 1,3-Dichlorobenzene	6.839	146	491622	37.126	ng		98
13) 1,4-Dichlorobenzene	6.916	146	499170	37.831	ng		97
14) 1,2-Dichlorobenzene	7.069	146	473568	38.149	ng		98
15) Benzyl Alcohol	7.045	79	403067	36.135	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.169	45	846385	35.321	ng		93
17) 2-Methylphenol	7.151	107	358997	37.398	ng		95
18) Hexachloroethane	7.410	117	180664	39.102	ng	#	88
19) n-Nitroso-di-n-propyla...	7.316	70	308202	35.368	ng	#	76
20) 3+4-Methylphenols	7.304	107	405038	33.614	ng	#	74
22) Acetophenone	7.310	105	592105	35.904	ng	#	89
24) Nitrobenzene	7.486	77	500524	36.090	ng		91
25) Isophorone	7.722	82	853736	34.770	ng	#	90
26) 2-Nitrophenol	7.798	139	234743	42.389	ng	#	81
27) 2,4-Dimethylphenol	7.833	122	362293	37.370	ng		88
28) bis(2-Chloroethoxy)met...	7.928	93	536208	39.441	ng	#	97
29) 2,4-Dichlorophenol	8.039	162	366942	37.113	ng		94
30) 1,2,4-Trichlorobenzene	8.122	180	405783	37.636	ng		93
31) Naphthalene	8.204	128	1161324	35.389	ng		99
32) Benzoic acid	7.957	122	211012	32.068	ng	#	81
33) 4-Chloroaniline	8.251	127	354314	27.388	ng	#	90
34) Hexachlorobutadiene	8.316	225	265239	38.581	ng		99
35) Caprolactam	8.628	113	104652m	40.865	ng		
36) 4-Chloro-3-methylphenol	8.733	107	375645	37.216	ng		90
37) 2-Methylnaphthalene	8.892	142	790325	36.445	ng		97
38) 1-Methylnaphthalene	8.992	142	719483	35.530	ng		97
40) 1,2,4,5-Tetrachloroben...	9.063	216	399000	38.388	ng		98
41) Hexachlorocyclopentadiene	9.045	237	444700	81.435	ng		96
43) 2,4,6-Trichlorophenol	9.175	196	265066	36.218	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	282309	36.665	ng		92
46) 1,1'-Biphenyl	9.357	154	893343	34.831	ng		97
47) 2-Chloronaphthalene	9.386	162	740740	35.540	ng		97
48) 2-Nitroaniline	9.480	65	258042	39.940	ng	#	79
49) Acenaphthylene	9.804	152	1096489	36.102	ng		97
50) Dimethylphthalate	9.657	163	838500	38.033	ng	#	97
51) 2,6-Dinitrotoluene	9.722	165	183535	38.393	ng	#	81
52) Acenaphthene	9.975	154	642001	34.098	ng		98
53) 3-Nitroaniline	9.892	138	147985	28.706	ng	#	75
54) 2,4-Dinitrophenol	10.004	184	163484	86.578	ng	#	80
55) Dibenzofuran	10.145	168	932746	34.423	ng		99
56) 4-Nitrophenol	10.063	139	244163	59.808	ng	#	82
57) 2,4-Dinitrotoluene	10.127	165	233196	40.305	ng	#	97
58) Fluorene	10.486	166	726713	36.276	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	206375	36.118	ng	#	84
60) Diethylphthalate	10.357	149	784692	36.510	ng		98
61) 4-Chlorophenyl-phenyle...	10.474	204	378175	37.337	ng		89
62) 4-Nitroaniline	10.510	138	171392	36.972	ng	#	83
63) Azobenzene	10.639	77	824493	34.201	ng		91
65) 4,6-Dinitro-2-methylph...	10.533	198	112898	42.097	ng		95
66) n-Nitrosodiphenylamine	10.598	169	685914	37.805	ng		96
67) 4-Bromophenyl-phenylether	10.969	248	247341	40.650	ng		89
68) Hexachlorobenzene	11.033	284	261821	41.827	ng	#	86
69) Atrazine	11.121	200	215326	41.358	ng		90
70) Pentachlorophenol	11.233	266	242247	66.280	ng		93
71) Phenanthrene	11.451	178	1010648	36.198	ng		97
72) Anthracene	11.504	178	1044090	37.940	ng		99
73) Carbazole	11.657	167	874949	34.792	ng		99
74) Di-n-butylphthalate	11.980	149	1090409	36.539	ng		99
75) Fluoranthene	12.639	202	974691	35.183	ng		97
77) Benzidine	12.763	184	586644	54.651	ng		98
78) Pyrene	12.868	202	980008	37.171	ng		97
80) Butylbenzylphthalate	13.480	149	383843	37.051	ng		91
81) Benzo(a)anthracene	14.057	228	827763	37.379	ng		99
82) 3,3'-Dichlorobenzidine	14.015	252	252512	36.785	ng		99
83) Chrysene	14.092	228	822962	37.577	ng		97
84) Bis(2-ethylhexyl)phtha...	14.033	149	520109	36.528	ng		100
85) Di-n-octyl phthalate	14.651	149	867860	36.647	ng		97
87) Indeno(1,2,3-cd)pyrene	17.074	276	1146632	45.183	ng	#	90
88) Benzo(b)fluoranthene	15.121	252	911793	35.429	ng	#	94
89) Benzo(k)fluoranthene	15.151	252	867571	36.126	ng		99
90) Benzo(a)pyrene	15.498	252	899079	39.549	ng	#	95
91) Dibenzo(a,h)anthracene	17.092	278	964080	43.948	ng	#	93
92) Benzo(g,h,i)perylene	17.527	276	986517	46.641	ng	#	87

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

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