Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102521\
Data File : BF125920.D
Acq On : 25 Oct 2021 16:33
Operator : JU/CG
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
mohammad
10/26/2021 11:33:20 AM

Quant Time: Oct 25 17:26:38 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 25 17:23:45 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	159016	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	581233	20.000	ng	#	0.00
39) Acenaphthene-d10	9.910	164	316300	20.000	ng		0.00
64) Phenanthrene-d10	11.392	188	537409	20.000	ng		0.00
76) Chrysene-d12	14.033	240	241377	20.000	ng	#	0.00
86) Perylene-d12	15.498	264	262029	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	1331665	136.807	ng		0.00
7) Phenol-d6	0.000	99	0d	0.000	ng		
23) Nitrobenzene-d5	7.445	82	1661692	177.710	ng		0.01
42) 2,4,6-Tribromophenol	10.698	330	403804	129.306	ng		0.00
45) 2-Fluorobiphenyl	9.239	172	2334905	127.325	ng		0.00
79) Terphenyl-d14	12.980	244	2208701	139.384	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.634	88	351758	84.872	ng	#	100
3) Pyridine	3.404	79	977785	91.187	ng	#	82
4) n-Nitrosodimethylamine	3.351	42	630647	163.397	ng	#	80
6) Aniline	6.545	93	1151331	79.803	ng	#	88
8) 2-Chlorophenol	6.663	128	657701	61.691	ng	#	72
10) Phenol	6.522	94	858659m	70.465	ng		
11) bis(2-Chloroethyl)ether	6.616	93	711842	72.098	ng	#	76
12) 1,3-Dichlorobenzene	6.816	146	734964m	63.191	ng		
13) 1,4-Dichlorobenzene	6.892	146	738758	62.284	ng		93
15) Benzyl Alcohol	7.016	79	730697	87.988	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.151	45	1829431	144.884	ng		95
17) 2-Methylphenol	7.122	107	618222	72.839	ng	#	91
18) Hexachloroethane	7.392	117	301057	73.708	ng	#	89
19) n-Nitroso-di-n-propyla...	7.304	70	551456	83.365	ng	#	94
22) Acetophenone	7.292	105	945048	73.964	ng	#	83
24) Nitrobenzene	7.463	77	825848	91.132	ng	#	86
25) Isophorone	7.704	82	1529862	92.351	ng	#	86
26) 2-Nitrophenol	7.775	139	324297	70.769	ng	#	68
27) 2,4-Dimethylphenol	7.810	122	579333	75.917	ng		87
28) bis(2-Chloroethoxy)met...	7.910	93	887122	77.151	ng	#	96
29) 2,4-Dichlorophenol	8.010	162	570281	69.372	ng		90
30) 1,2,4-Trichlorobenzene	8.098	180	629351	69.814	ng		99
31) Naphthalene	8.181	128	1860073	66.188	ng		99
33) 4-Chloroaniline	8.228	127	775605	65.946	ng	#	87
34) Hexachlorobutadiene	8.298	225	409821	81.387	ng		100
35) Caprolactam	8.622	113	193942m	81.652	ng		
36) 4-Chloro-3-methylphenol	8.704	107	668488	83.235	ng		84
37) 2-Methylnaphthalene	8.869	142	1212199	66.603	ng		92
38) 1-Methylnaphthalene	8.969	142	1157635	65.547	ng		91
40) 1,2,4,5-Tetrachloroben...	9.033	216	564564	66.505	ng		99
41) Hexachlorocyclopentadiene	9.028	237	350652	84.163	ng		98
43) 2,4,6-Trichlorophenol	9.145	196	417808	67.907	ng		92
44) 2,4,5-Trichlorophenol	9.180	196	434063	66.347	ng	#	92
46) 1,1'-Biphenyl	9.333	154	1457778	62.687	ng		97
47) 2-Chloronaphthalene	9.357	162	1103232	58.428	ng		93
48) 2-Nitroaniline	9.451	65	517732	114.215	ng	#	66

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
49) Acenaphthylene	9.775	152	1670418	60.408	ng	#	96
50) Dimethylphthalate	9.639	163	1282610	61.599	ng		96
51) 2,6-Dinitrotoluene	9.692	165	295128	70.124	ng	#	55
52) Acenaphthene	9.945	154	1133976	65.640	ng		98
53) 3-Nitroaniline	9.863	138	334870	67.291	ng	#	63
54) 2,4-Dinitrophenol	9.963	184	131977	73.876	ng	#	76
55) Dibenzofuran	10.116	168	1621555	62.658	ng		98
56) 4-Nitrophenol	10.016	139	263655	71.074	ng	#	64
57) 2,4-Dinitrotoluene	10.098	165	383330	72.035	ng	#	91
59) 2,3,4,6-Tetrachlorophenol	10.233	232	351235	71.127	ng	#	92
60) Diethylphthalate	10.339	149	1324812	66.683	ng		97
62) 4-Nitroaniline	10.480	138	309069	67.210	ng		94
63) Azobenzene	10.616	77	1504846	80.581	ng		96
65) 4,6-Dinitro-2-methylph...	10.504	198	199528	74.431	ng	#	81
66) n-Nitrosodiphenylamine	10.575	169	1071893	58.469	ng		96
67) 4-Bromophenyl-phenylether	10.939	248	395129	66.388	ng		95
68) Hexachlorobenzene	11.004	284	420840	62.395	ng		94
69) Atrazine	11.098	200	348763	65.544	ng		93
70) Pentachlorophenol	11.192	266	258935	71.817	ng		93
71) Phenanthrene	11.422	178	1763270	61.323	ng		97
72) Anthracene	11.474	178	1769669	61.621	ng		98
73) Carbazole	11.621	167	1659237	62.080	ng		99
74) Di-n-butylphthalate	11.963	149	1791427	60.713	ng		99
75) Fluoranthene	12.604	202	1692863	65.248	ng		97
77) Benzidine	12.721	184	550690	62.344	ng		96
78) Pyrene	12.833	202	1747488	71.261	ng		97
80) Butylbenzylphthalate	13.457	149	590903	75.176	ng	#	84
81) Benzo(a)anthracene	14.021	228	1132873	72.341	ng		99
82) 3,3'-Dichlorobenzidine	13.986	252	397363	80.306	ng	#	98
83) Chrysene	14.057	228	1194688	77.182	ng		98
84) Bis(2-ethylhexyl)phtha...	14.021	149	605315	70.774	ng		100
85) Di-n-octyl phthalate	14.633	149	1111178	77.979	ng	#	92
87) Indeno(1,2,3-cd)pyrene	16.974	276	1574696	78.739	ng	#	89
88) Benzo(b)fluoranthene	15.074	252	1130207	76.400	ng	#	96
89) Benzo(k)fluoranthene	15.104	252	1118163	73.619	ng		97
90) Benzo(a)pyrene	15.439	252	1019774	77.842	ng	#	96
91) Dibenzo(a,h)anthracene	16.998	278	1256445	76.162	ng	#	94
92) Benzo(g,h,i)perylene	17.427	276	1341963	79.656	ng	#	87

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

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