Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092221\
Data File : BF125551.D
Acq On : 22 Sep 2021 10:37
Operator : JU/CG
Sample : PB139080BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB139080BS

Manual Integrations APPROVED
mohammad
9/23/2021 1:20:25 PM

Quant Time: Sep 22 11:51:13 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 21 19:21:36 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	248841	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	1073184	20.000	ng	# 0.00
39) Acenaphthene-d10	9.939	164	575354	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	936333	20.000	ng	# 0.00
76) Chrysene-d12	14.062	240	512137	20.000	ng	0.00
86) Perylene-d12	15.539	264	456879	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1912264	121.522	ng	0.02
7) Phenol-d6	6.528	99	2327177	114.703	ng	0.00
23) Nitrobenzene-d5	7.463	82	1443192	85.772	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	683338	121.258	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2728652	85.989	ng	0.00
79) Terphenyl-d14	13.010	244	2550274	80.413	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.787	88	230220	36.287	ng	# 100
3) Pyridine	3.528	79	539648	31.743	ng	# 73
4) n-Nitrosodimethylamine	3.487	42	287266	42.842	ng	# 1
6) Aniline	6.563	93	985891	42.208	ng	94
8) 2-Chlorophenol	6.686	128	818099	45.528	ng	97
9) Benzaldehyde	6.445	77	436237	45.489	ng	93
10) Phenol	6.539	94	892891m	43.237	ng	
11) bis(2-Chloroethyl)ether	6.634	93	749661	45.407	ng	98
12) 1,3-Dichlorobenzene	6.839	146	834089	43.188	ng	98
13) 1,4-Dichlorobenzene	6.916	146	847897	43.434	ng	97
14) 1,2-Dichlorobenzene	7.069	146	830655	45.559	ng	99
15) Benzyl Alcohol	7.039	79	634149	43.677	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.175	45	993674	43.742	ng	90
17) 2-Methylphenol	7.145	107	645270	44.987	ng	97
18) Hexachloroethane	7.416	117	308740	44.418	ng	90
19) n-Nitroso-di-n-propyla...	7.316	70	512030	42.167	ng	# 70
20) 3+4-Methylphenols	7.298	107	755844	42.381	ng	94
22) Acetophenone	7.310	105	1061991	42.770	ng	# 90
24) Nitrobenzene	7.481	77	763449	42.818	ng	96
25) Isophorone	7.722	82	1463231	40.411	ng	# 92
26) 2-Nitrophenol	7.798	139	411649	51.273	ng	# 93
27) 2,4-Dimethylphenol	7.828	122	755294	46.939	ng	94
28) bis(2-Chloroethoxy)met...	7.928	93	945677	45.457	ng	96
29) 2,4-Dichlorophenol	8.033	162	679706	41.786	ng	97
30) 1,2,4-Trichlorobenzene	8.122	180	717406	41.848	ng	97
31) Naphthalene	8.204	128	2275263	41.281	ng	99
32) Benzoic acid	7.957	122	503764	51.563	ng	97
33) 4-Chloroaniline	8.245	127	769112	34.044	ng	99
34) Hexachlorobutadiene	8.322	225	398029	41.175	ng	99
35) Caprolactam	8.622	113	207240m	46.455	ng	
36) 4-Chloro-3-methylphenol	8.728	107	677321	42.388	ng	98
37) 2-Methylnaphthalene	8.898	142	1565859	41.945	ng	98
38) 1-Methylnaphthalene	8.998	142	1452907	41.479	ng	99
40) 1,2,4,5-Tetrachloroben...	9.063	216	623871	40.271	ng	99
41) Hexachlorocyclopentadiene	9.051	237	773034	89.228	ng	99
43) 2,4,6-Trichlorophenol	9.169	196	497444	42.618	ng	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	512465	41.837	ng	#	91
46) 1,1'-Biphenyl	9.363	154	1738503	40.103	ng		96
47) 2-Chloronaphthalene	9.386	162	1463258	40.639	ng		99
48) 2-Nitroaniline	9.475	65	384424	50.035	ng		96
49) Acenaphthylene	9.804	152	2169368	40.996	ng		96
50) Dimethylphthalate	9.663	163	1670729	42.193	ng		98
51) 2,6-Dinitrotoluene	9.722	165	366498	46.522	ng		90
52) Acenaphthene	9.975	154	1465600	43.876	ng		96
53) 3-Nitroaniline	9.886	138	324077	38.733	ng		87
54) 2,4-Dinitrophenol	9.992	184	335223	118.112	ng	#	78
55) Dibenzofuran	10.145	168	1973135	39.806	ng		98
56) 4-Nitrophenol	10.045	139	621175	91.520	ng		88
57) 2,4-Dinitrotoluene	10.122	165	486307	51.510	ng	#	90
58) Fluorene	10.486	166	1452146	38.090	ng		96
59) 2,3,4,6-Tetrachlorophenol	10.257	232	395174	42.953	ng	#	90
60) Diethylphthalate	10.363	149	1635402	41.906	ng		99
61) 4-Chlorophenyl-phenyle...	10.480	204	680003	40.106	ng		90
62) 4-Nitroaniline	10.504	138	373925	49.454	ng	#	79
63) Azobenzene	10.639	77	1500546	39.572	ng		87
65) 4,6-Dinitro-2-methylph...	10.533	198	219463	48.284	ng	#	65
66) n-Nitrosodiphenylamine	10.598	169	1388911	40.858	ng		96
67) 4-Bromophenyl-phenylether	10.969	248	443578	41.455	ng		95
68) Hexachlorobenzene	11.039	284	505384	41.909	ng	#	83
69) Atrazine	11.127	200	442325	48.385	ng		95
70) Pentachlorophenol	11.227	266	562026	81.745	ng		95
71) Phenanthrene	11.451	178	2107394	40.068	ng		95
72) Anthracene	11.504	178	2121040	40.456	ng		95
73) Carbazole	11.651	167	1966204	39.653	ng		98
74) Di-n-butylphthalate	11.986	149	2372700	40.319	ng		98
75) Fluoranthene	12.639	202	2053307	39.793	ng		97
77) Benzidine	12.751	184	848657	58.441	ng		98
78) Pyrene	12.868	202	2022610m	42.143	ng		
80) Butylbenzylphthalate	13.480	149	870488	44.887	ng		94
81) Benzo(a)anthracene	14.051	228	1432140	41.080	ng		99
82) 3,3'-Dichlorobenzidine	14.010	252	520697	48.747	ng		99
83) Chrysene	14.092	228	1483493	42.125	ng		96
84) Bis(2-ethylhexyl)phtha...	14.045	149	1070366	45.149	ng		100
85) Di-n-octyl phthalate	14.657	149	1845070	46.806	ng	#	90
87) Indeno(1,2,3-cd)pyrene	17.033	276	1573055	47.963	ng		97
88) Benzo(b)fluoranthene	15.109	252	1440579	43.113	ng		97
89) Benzo(k)fluoranthene	15.139	252	1353923	44.306	ng		97
90) Benzo(a)pyrene	15.480	252	1357299	46.672	ng		97
91) Dibenzo(a,h)anthracene	17.056	278	1326238	47.712	ng		98
92) Benzo(g,h,i)perylene	17.492	276	1339451	48.824	ng		93

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

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