Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072721\
Data File : BF124787.D
Acq On : 27 Jul 2021 10:45
Operator : JU/CG
Sample : PB137879BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB137879BS

Manual Integrations APPROVED
mohammad
7/28/2021 11:32:18 AM

Quant Time: Jul 27 14:41:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 22 15:28:57 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	8336	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	33532	20.000	ng	#	0.00
39) Acenaphthene-d10	9.916	164	18459	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	33142	20.000	ng		0.00
76) Chrysene-d12	14.045	240	22483	20.000	ng		0.00
86) Perylene-d12	15.515	264	16707	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	57604	117.002	ng		0.03
7) Phenol-d6	6.510	99	69881	113.220	ng		0.01
23) Nitrobenzene-d5	7.439	82	38828	68.918	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	18186	114.747	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	80869	64.346	ng		0.00
79) Terphenyl-d14	12.986	244	82569	62.952	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.828	88	8297	48.211	ng	#	100
3) Pyridine	3.557	79	17279	42.413	ng		97
4) n-Nitrosodimethylamine	3.528	42	14864	46.136	ng	#	88
6) Aniline	6.540	93	23973	37.793	ng		97
8) 2-Chlorophenol	6.663	128	24426	43.987	ng		92
9) Benzaldehyde	6.428	77	11851	35.663	ng		98
10) Phenol	6.522	94	29147	49.313	ng		95
11) bis(2-Chloroethyl)ether	6.616	93	22146	47.255	ng		98
12) 1,3-Dichlorobenzene	6.816	146	26900	44.571	ng		97
13) 1,4-Dichlorobenzene	6.892	146	27901	46.210	ng		97
14) 1,2-Dichlorobenzene	7.045	146	26890	46.093	ng		98
15) Benzyl Alcohol	7.016	79	19948	49.148	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	37138	47.083	ng		95
17) 2-Methylphenol	7.128	107	18926	46.784	ng		93
18) Hexachloroethane	7.387	117	11293	49.346	ng	#	85
19) n-Nitroso-di-n-propyla...	7.292	70	16895	51.262	ng		96
20) 3+4-Methylphenols	7.281	107	24723	46.255	ng	#	86
22) Acetophenone	7.287	105	35892	46.190	ng	#	93
24) Nitrobenzene	7.457	77	24982	45.228	ng		91
25) Isophorone	7.698	82	44410	44.579	ng	#	92
26) 2-Nitrophenol	7.775	139	13898	45.428	ng		95
27) 2,4-Dimethylphenol	7.810	122	22784	48.400	ng		85
28) bis(2-Chloroethoxy)met...	7.904	93	29442	50.857	ng		98
29) 2,4-Dichlorophenol	8.016	162	21609	43.343	ng		96
30) 1,2,4-Trichlorobenzene	8.098	180	24293	44.458	ng		98
31) Naphthalene	8.181	128	74905	42.805	ng		97
32) Benzoic acid	7.951	122	14708m	40.366	ng		
33) 4-Chloroaniline	8.222	127	14603	22.192	ng		94
34) Hexachlorobutadiene	8.292	225	14064	43.058	ng		95
35) Caprolactam	8.610	113	6502m	50.177	ng		
36) 4-Chloro-3-methylphenol	8.710	107	22366	47.033	ng		93
37) 2-Methylnaphthalene	8.875	142	51721	44.235	ng		100
38) 1-Methylnaphthalene	8.975	142	46568	42.041	ng		96
40) 1,2,4,5-Tetrachloroben...	9.039	216	23296	45.232	ng		97
41) Hexachlorocyclopentadiene	9.022	237	33551	110.107	ng		98
43) 2,4,6-Trichlorophenol	9.151	196	16412	44.889	ng		97

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072721\
Data File : BF124787.D
Acq On : 27 Jul 2021 10:45
Operator : JU/CG
Sample : PB137879BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB137879BS

Manual Integrations APPROVED
mohammad
7/28/2021 11:32:18 AM

Quant Time: Jul 27 14:41:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 22 15:28:57 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	16139	42.990	ng		94
46) 1,1'-Biphenyl	9.339	154	59421	43.125	ng		99
47) 2-Chloronaphthalene	9.363	162	47250	43.318	ng		97
48) 2-Nitroaniline	9.457	65	13614	47.666	ng		95
49) Acenaphthylene	9.780	152	73426	43.651	ng		99
50) Dimethylphthalate	9.639	163	57522	45.256	ng		100
51) 2,6-Dinitrotoluene	9.704	165	11971	42.632	ng		97
52) Acenaphthene	9.951	154	44910	40.275	ng		98
53) 3-Nitroaniline	9.869	138	8203	27.768	ng	#	81
54) 2,4-Dinitrophenol	9.980	184	13214	81.381	ng		90
55) Dibenzofuran	10.128	168	67957	42.649	ng		96
56) 4-Nitrophenol	10.039	139	19095	81.853	ng		91
57) 2,4-Dinitrotoluene	10.110	165	16830	44.167	ng	#	97
58) Fluorene	10.469	166	52701	43.114	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	13338	44.988	ng	#	92
60) Diethylphthalate	10.339	149	59910	45.328	ng		100
61) 4-Chlorophenyl-phenyle...	10.457	204	26038	44.064	ng		94
62) 4-Nitroaniline	10.492	138	12444	42.572	ng		85
63) Azobenzene	10.616	77	54286	46.426	ng		93
65) 4,6-Dinitro-2-methylph...	10.516	198	8379	39.039	ng		96
66) n-Nitrosodiphenylamine	10.580	169	45862	42.702	ng		97
67) 4-Bromophenyl-phenylether	10.945	248	15685	44.624	ng	#	85
68) Hexachlorobenzene	11.016	284	16755	45.899	ng		91
69) Atrazine	11.110	200	14809	45.352	ng		93
70) Pentachlorophenol	11.210	266	18397	81.046	ng		94
71) Phenanthrene	11.433	178	75410	42.305	ng		98
72) Anthracene	11.480	178	78749	44.191	ng		99
73) Carbazole	11.633	167	67408	40.355	ng		99
74) Di-n-butylphthalate	11.963	149	99493	44.718	ng		99
75) Fluoranthene	12.621	202	75936	41.746	ng		97
77) Benzidine	12.739	184	34564	54.517	ng	#	96
78) Pyrene	12.851	202	78140	43.901	ng		99
80) Butylbenzylphthalate	13.463	149	39140	45.911	ng		98
81) Benzo(a)anthracene	14.033	228	61307	41.716	ng		98
82) 3,3'-Dichlorobenzidine	13.998	252	13415	32.891	ng		98
83) Chrysene	14.074	228	60560	42.772	ng		100
84) Bis(2-ethylhexyl)phtha...	14.015	149	58469	46.562	ng		100
85) Di-n-octyl phthalate	14.633	149	92027	45.162	ng		99
87) Indeno(1,2,3-cd)pyrene	17.004	276	39643	41.100	ng		96
88) Benzo(b)fluoranthene	15.092	252	51755m	43.998	ng		
89) Benzo(k)fluoranthene	15.121	252	46964	43.696	ng		98
90) Benzo(a)pyrene	15.462	252	44602	45.391	ng		98
91) Dibenzo(a,h)anthracene	17.021	278	34010	40.278	ng		95
92) Benzo(g,h,i)perylene	17.462	276	31336	39.135	ng	#	89

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072721\
Data File : BF124787.D
Acq On : 27 Jul 2021 10:45
Operator : JU/CG
Sample : PB137879BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 27 14:41:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 22 15:28:57 2021
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB137879BS

Manual Integrations APPROVED
mohammad
7/28/2021 11:32:18 AM