Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072321\
Data File : BF124713.D
Acq On : 23 Jul 2021 15:05
Operator : JU/CG
Sample : PB137815BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB137815BS

Manual Integrations APPROVED
mohammad
7/27/2021 12:03:58 PM

Quant Time: Jul 23 16:16:55 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	6.869	152	8455	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	31591	20.000	ng		0.00
39) Acenaphthene-d10	9.916	164	17945	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	31550	20.000	ng		0.00
76) Chrysene-d12	14.039	240	21329	20.000	ng		0.00
86) Perylene-d12	15.504	264	16593	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	60271	120.696	ng		0.02
7) Phenol-d6	6.504	99	72729	116.176	ng		0.00
23) Nitrobenzene-d5	7.439	82	38346	72.244	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	17915	116.274	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	85551	70.021	ng		0.00
79) Terphenyl-d14	12.986	244	83003	66.707	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.822	88	8236	47.183	ng	#	100
3) Pyridine	3.545	79	17632	42.671	ng		95
4) n-Nitrosodimethylamine	3.516	42	16014	49.006	ng	#	98
6) Aniline	6.539	93	22683	35.256	ng		96
8) 2-Chlorophenol	6.663	128	25418	45.129	ng		96
9) Benzaldehyde	6.422	77	11397	33.814	ng		86
10) Phenol	6.516	94	27622m	46.075	ng		
11) bis(2-Chloroethyl)ether	6.610	93	22560	47.461	ng		93
12) 1,3-Dichlorobenzene	6.816	146	27636	45.146	ng		94
13) 1,4-Dichlorobenzene	6.886	146	27415	44.766	ng		97
14) 1,2-Dichlorobenzene	7.039	146	27022	45.668	ng		94
15) Benzyl Alcohol	7.016	79	18418	44.739	ng		92
16) 2,2'-oxybis(1-Chloropr...	7.145	45	37453	46.814	ng		97
17) 2-Methylphenol	7.122	107	19532	47.602	ng		99
18) Hexachloroethane	7.386	117	11034	47.536	ng	#	87
19) n-Nitroso-di-n-propyla...	7.292	70	15634	46.768	ng		98
20) 3+4-Methylphenols	7.275	107	24275	44.778	ng		94
22) Acetophenone	7.281	105	34354	46.927	ng	#	87
24) Nitrobenzene	7.457	77	23504	45.167	ng		96
25) Isophorone	7.698	82	42402	45.179	ng		93
26) 2-Nitrophenol	7.769	139	14140	49.059	ng	#	90
27) 2,4-Dimethylphenol	7.804	122	23813	53.694	ng		96
28) bis(2-Chloroethoxy)met...	7.904	93	27893	51.142	ng		98
29) 2,4-Dichlorophenol	8.010	162	21780	46.370	ng		100
30) 1,2,4-Trichlorobenzene	8.092	180	23768	46.170	ng		96
31) Naphthalene	8.180	128	75496	45.793	ng		99
32) Benzoic acid	7.939	122	17101	49.817	ng		95
33) 4-Chloroaniline	8.222	127	13512	21.796	ng		97
34) Hexachlorobutadiene	8.292	225	13996	45.482	ng		97
35) Caprolactam	8.604	113	6371m	52.187	ng		
36) 4-Chloro-3-methylphenol	8.704	107	22061	49.242	ng		92
37) 2-Methylnaphthalene	8.869	142	50404	45.757	ng		100
38) 1-Methylnaphthalene	8.969	142	47372	45.395	ng		93
40) 1,2,4,5-Tetrachloroben...	9.033	216	22188	44.315	ng	#	97
41) Hexachlorocyclopentadiene	9.022	237	34451	116.299	ng		97
43) 2,4,6-Trichlorophenol	9.145	196	17265	48.574	ng		96

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072321\
Data File : BF124713.D
Acq On : 23 Jul 2021 15:05
Operator : JU/CG
Sample : PB137815BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB137815BS

Manual Integrations APPROVED
mohammad
7/27/2021 12:03:58 PM

Quant Time: Jul 23 16:16:55 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	9.186	196	15567	42.654	ng		94
46) 1,1'-Biphenyl	9.333	154	60198	44.941	ng		97
47) 2-Chloronaphthalene	9.357	162	48970	46.181	ng		97
48) 2-Nitroaniline	9.451	65	13233	47.659	ng		97
49) Acenaphthylene	9.774	152	76068	46.517	ng		99
50) Dimethylphthalate	9.639	163	56384	45.632	ng	#	98
51) 2,6-Dinitrotoluene	9.698	165	12148	44.501	ng		93
52) Acenaphthene	9.945	154	45935	42.374	ng		98
53) 3-Nitroaniline	9.869	138	8489	29.559	ng		96
54) 2,4-Dinitrophenol	9.974	184	14675	92.967	ng		90
55) Dibenzofuran	10.122	168	68003	43.900	ng		98
56) 4-Nitrophenol	10.027	139	21150	93.259	ng		92
57) 2,4-Dinitrotoluene	10.104	165	16266	43.910	ng	#	97
58) Fluorene	10.463	166	52882	44.502	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.233	232	12827	44.503	ng	#	96
60) Diethylphthalate	10.339	149	58083	45.204	ng		99
61) 4-Chlorophenyl-phenyle...	10.457	204	25124	43.736	ng		92
62) 4-Nitroaniline	10.486	138	13212	46.494	ng		90
63) Azobenzene	10.616	77	49790	43.801	ng		96
65) 4,6-Dinitro-2-methylph...	10.510	198	8840	43.265	ng		93
66) n-Nitrosodiphenylamine	10.574	169	45546	44.548	ng		94
67) 4-Bromophenyl-phenylether	10.945	248	15313	45.764	ng		88
68) Hexachlorobenzene	11.010	284	15950	45.898	ng		94
69) Atrazine	11.104	200	14521	46.714	ng		97
70) Pentachlorophenol	11.204	266	19295	89.291	ng		97
71) Phenanthrene	11.427	178	76815	45.268	ng		99
72) Anthracene	11.480	178	79677	46.968	ng		99
73) Carbazole	11.633	167	68327	42.969	ng		99
74) Di-n-butylphthalate	11.957	149	96067	45.357	ng		99
75) Fluoranthene	12.615	202	77485	44.747	ng		97
77) Benzidine	12.733	184	38578	64.141	ng		98
78) Pyrene	12.845	202	78831	46.685	ng		99
80) Butylbenzylphthalate	13.457	149	37098	45.871	ng		95
81) Benzo(a)anthracene	14.027	228	62292	44.679	ng		100
82) 3,3'-Dichlorobenzidine	13.992	252	13060	33.753	ng		96
83) Chrysene	14.068	228	60831	45.288	ng		98
84) Bis(2-ethylhexyl)phtha...	14.015	149	55879	46.907	ng		100
85) Di-n-octyl phthalate	14.627	149	89199	46.143	ng		100
87) Indeno(1,2,3-cd)pyrene	16.986	276	42967	44.853	ng		97
88) Benzo(b)fluoranthene	15.080	252	52977	45.347	ng		98
89) Benzo(k)fluoranthene	15.109	252	50486m	47.295	ng		
90) Benzo(a)pyrene	15.451	252	46594	47.744	ng		99
91) Dibenzo(a,h)anthracene	17.003	278	36826	43.912	ng		97
92) Benzo(g,h,i)perylene	17.433	276	34354	43.199	ng		92

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072321\
Data File : BF124713.D
Acq On : 23 Jul 2021 15:05
Operator : JU/CG
Sample : PB137815BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 23 16:16:55 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 :
PB137815BS

Manual Integrations APPROVED
mohammad
7/27/2021 12:03:58 PM