Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092821\
Data File : BF125692.D
Acq On : 28 Sep 2021 16:55
Operator : JU/CG
Sample : M3961-03MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-09(20.21)MSD

Manual Integrations APPROVED
mohammad
9/29/2021 12:55:06 PM

Quant Time: Sep 28 17:54:01 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 24 15:38:32 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	213005	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	874510	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	452149	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	773416	20.000	ng	0.00
76) Chrysene-d12	14.045	240	468240	20.000	ng	0.00
86) Perylene-d12	15.515	264	493786	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1474349	114.039	ng	0.00
7) Phenol-d6	6.510	99	1805222	103.860	ng	0.00
23) Nitrobenzene-d5	7.445	82	1054559	84.111	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	504999	119.790	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1932958	75.286	ng	0.00
79) Terphenyl-d14	12.992	244	1797586	66.483	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.699	88	223475	40.616	ng	# 100
3) Pyridine	3.457	79	499231	34.304	ng	# 70
4) n-Nitrosodimethylamine	3.405	42	239021	44.264	ng	# 4
6) Aniline	6.545	93	753118	37.526	ng	95
8) 2-Chlorophenol	6.669	128	662171	45.153	ng	98
9) Benzaldehyde	6.434	77	382688	50.616	ng	93
10) Phenol	6.522	94	790239	44.977	ng	90
11) bis(2-Chloroethyl)ether	6.622	93	599143	43.880	ng	95
12) 1,3-Dichlorobenzene	6.828	146	679871	41.985	ng	97
13) 1,4-Dichlorobenzene	6.904	146	689907	41.876	ng	98
14) 1,2-Dichlorobenzene	7.057	146	667142	42.919	ng	99
15) Benzyl Alcohol	7.022	79	501493	41.596	ng	92
16) 2,2'-oxybis(1-Chloropr...	7.163	45	734447	42.258	ng	88
17) 2-Methylphenol	7.134	107	520118	43.250	ng	97
18) Hexachloroethane	7.404	117	241838	45.223	ng	# 88
19) n-Nitroso-di-n-propyla...	7.298	70	395914	40.007	ng	# 68
20) 3+4-Methylphenols	7.287	107	652602	43.164	ng	95
22) Acetophenone	7.292	105	857759	43.225	ng	# 91
24) Nitrobenzene	7.469	77	630269	49.419	ng	95
25) Isophorone	7.704	82	1093120	38.930	ng	93
26) 2-Nitrophenol	7.781	139	345193	51.162	ng	# 90
27) 2,4-Dimethylphenol	7.816	122	585439	46.882	ng	96
28) bis(2-Chloroethoxy)met...	7.916	93	720165	45.472	ng	97
29) 2,4-Dichlorophenol	8.022	162	545080	43.942	ng	97
30) 1,2,4-Trichlorobenzene	8.110	180	562081	41.625	ng	96
31) Naphthalene	8.192	128	1844199	41.071	ng	99
32) Benzoic acid	7.928	122	400767	44.549	ng	98
33) 4-Chloroaniline	8.234	127	291933	15.500	ng	99
34) Hexachlorobutadiene	8.310	225	303993	40.828	ng	98
35) Caprolactam	8.598	113	181238m	44.772	ng	
36) 4-Chloro-3-methylphenol	8.716	107	552415	42.499	ng	97
37) 2-Methylnaphthalene	8.881	142	1256048	41.244	ng	98
38) 1-Methylnaphthalene	8.981	142	1163196	40.415	ng	97
40) 1,2,4,5-Tetrachloroben...	9.051	216	496811	42.248	ng	98
41) Hexachlorocyclopentadiene	9.039	237	591411	118.867	ng	98
43) 2,4,6-Trichlorophenol	9.157	196	383022	46.448	ng	97

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092821\
Data File : BF125692.D
Acq On : 28 Sep 2021 16:55
Operator : JU/CG
Sample : M3961-03MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-09(20.21)MSD

Manual Integrations APPROVED
mohammad
9/29/2021 12:55:06 PM

Quant Time: Sep 28 17:54:01 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 24 15:38:32 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	409257	45.967	ng		93
46) 1,1'-Biphenyl	9.345	154	1392006	41.751	ng		96
47) 2-Chloronaphthalene	9.369	162	1179679	42.737	ng		98
48) 2-Nitroaniline	9.463	65	323008	49.472	ng		88
49) Acenaphthylene	9.786	152	1786068	42.982	ng		97
50) Dimethylphthalate	9.645	163	1299043	42.648	ng		98
51) 2,6-Dinitrotoluene	9.704	165	298988	48.163	ng		92
52) Acenaphthene	9.957	154	1210549	46.464	ng		96
53) 3-Nitroaniline	9.869	138	222789	32.541	ng		93
54) 2,4-Dinitrophenol	9.975	184	280673	91.025	ng	#	78
55) Dibenzofuran	10.133	168	1616988	41.368	ng		94
56) 4-Nitrophenol	10.028	139	557408	99.343	ng		89
57) 2,4-Dinitrotoluene	10.104	165	402002	51.548	ng	#	88
58) Fluorene	10.475	166	1232418	40.507	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.245	232	315586	46.056	ng	#	90
60) Diethylphthalate	10.345	149	1278407	43.533	ng		98
61) 4-Chlorophenyl-phenyle...	10.463	204	550313	40.693	ng		89
62) 4-Nitroaniline	10.486	138	326136	47.034	ng	#	75
63) Azobenzene	10.622	77	1171582	41.320	ng		85
65) 4,6-Dinitro-2-methylph...	10.510	198	177340	47.277	ng	#	85
66) n-Nitrosodiphenylamine	10.581	169	1112749	41.911	ng		96
67) 4-Bromophenyl-phenylether	10.951	248	343448	42.314	ng		96
68) Hexachlorobenzene	11.022	284	407182	42.743	ng	#	85
69) Atrazine	11.104	200	337943	48.004	ng		93
70) Pentachlorophenol	11.210	266	473552	94.056	ng		95
71) Phenanthrene	11.433	178	1826215	42.107	ng		96
72) Anthracene	11.486	178	1874868	43.748	ng		97
73) Carbazole	11.639	167	1745107	41.376	ng		98
74) Di-n-butylphthalate	11.969	149	1876946	44.142	ng		99
75) Fluoranthene	12.622	202	1789688	38.611	ng		97
77) Benzidine	12.739	184	793454	64.504	ng		98
78) Pyrene	12.851	202	1786052	42.207	ng		95
80) Butylbenzylphthalate	13.463	149	653673	46.647	ng		95
81) Benzo(a)anthracene	14.033	228	1298599	40.828	ng		98
82) 3,3'-Dichlorobenzidine	13.992	252	404363	44.060	ng		96
83) Chrysene	14.074	228	1314237	41.174	ng		96
84) Bis(2-ethylhexyl)phtha...	14.027	149	740655	46.170	ng	#	100
85) Di-n-octyl phthalate	14.639	149	1156823	49.167	ng	#	89
87) Indeno(1,2,3-cd)pyrene	17.004	276	1577967	47.077	ng		97
88) Benzo(b)fluoranthene	15.086	252	1467288	42.413	ng		98
89) Benzo(k)fluoranthene	15.116	252	1242711	37.492	ng	#	97
90) Benzo(a)pyrene	15.457	252	1374272	44.626	ng		99
91) Dibenzo(a,h)anthracene	17.027	278	1320635	47.139	ng		97
92) Benzo(g,h,i)perylene	17.457	276	1352758	47.279	ng		93

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092821\
Data File : BF125692.D
Acq On : 28 Sep 2021 16:55
Operator : JU/CG
Sample : M3961-03MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Sep 28 17:54:01 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 24 15:38:32 2021
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-09(20.21)MSD

Manual Integrations APPROVED
mohammad
9/29/2021 12:55:06 PM