Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062821\
Data File : BF124477.D
Acq On : 28 Jun 2021 19:45
Operator : JU/CG
Sample : M2856-18MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-09-COMPMSD

Manual Integrations APPROVED
mohammad
6/29/2021 2:28:54 PM

Quant Time: Jun 29 05:12:12 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 28 16:01:42 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.692	152	37472	20.000	ng		-0.01
21) Naphthalene-d8	7.975	136	144829	20.000	ng		#-0.01
39) Acenaphthene-d10	9.733	164	90218	20.000	ng		0.00
64) Phenanthrene-d10	11.216	188	167231	20.000	ng		-0.01
76) Chrysene-d12	13.863	240	119251	20.000	ng		0.00
86) Perylene-d12	15.286	264	79317	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.322	112	223572	93.833	ng		0.00
7) Phenol-d6	6.351	99	271838	87.378	ng		-0.01
23) Nitrobenzene-d5	7.263	82	192715	55.172	ng		-0.02
42) 2,4,6-Tribromophenol	10.528	330	98068	90.983	ng		0.00
45) 2-Fluorobiphenyl	9.051	172	389705	52.914	ng		-0.02
79) Terphenyl-d14	12.798	244	504875	63.412	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.381	88	41407	40.414	ng	#	88
3) Pyridine	3.087	79	92253	41.061	ng	#	75
4) n-Nitrosodimethylamine	3.057	42	58925	48.614	ng	#	78
6) Aniline	6.357	93	137652	39.605	ng	#	43
8) 2-Chlorophenol	6.487	128	136890	51.696	ng		89
9) Benzaldehyde	6.245	77	87022	60.089	ng		96
10) Phenol	6.363	94	167120	49.681	ng	#	69
11) bis(2-Chloroethyl)ether	6.434	93	129635	53.286	ng		88
12) 1,3-Dichlorobenzene	6.634	146	159132	49.478	ng	#	92
13) 1,4-Dichlorobenzene	6.710	146	165545	50.762	ng		95
14) 1,2-Dichlorobenzene	6.863	146	152263	49.577	ng		98
15) Benzyl Alcohol	6.851	79	128604	48.192	ng		92
16) 2,2'-oxybis(1-Chloropr...	6.975	45	151095	48.414	ng	#	12
17) 2-Methylphenol	6.969	107	109789	51.813	ng	#	83
18) Hexachloroethane	7.198	117	60453	50.880	ng	#	82
19) n-Nitroso-di-n-propyla...	7.116	70	107546	51.403	ng	#	77
20) 3+4-Methylphenols	7.122	107	138480	50.068	ng	#	84
22) Acetophenone	7.110	105	202237	50.162	ng	#	85
24) Nitrobenzene	7.287	77	155747	44.632	ng		98
25) Isophorone	7.522	82	270763	45.086	ng	#	95
26) 2-Nitrophenol	7.598	139	80755	47.577	ng		90
27) 2,4-Dimethylphenol	7.645	122	117204	51.805	ng		90
28) bis(2-Chloroethoxy)met...	7.734	93	159333	52.343	ng		99
29) 2,4-Dichlorophenol	7.851	162	125090	46.578	ng		87
30) 1,2,4-Trichlorobenzene	7.922	180	139416	45.774	ng		97
31) Naphthalene	7.998	128	396760	46.564	ng		99
32) Benzoic acid	7.810	122	54812	42.468	ng		97
33) 4-Chloroaniline	8.057	127	39990	12.495	ng	#	90
34) Hexachlorobutadiene	8.116	225	90093	44.244	ng		99
35) Caprolactam	8.445	113	34514m	49.041	ng		
36) 4-Chloro-3-methylphenol	8.563	107	132142	48.714	ng	#	82
37) 2-Methylnaphthalene	8.692	142	289986	48.093	ng		100
38) 1-Methylnaphthalene	8.786	142	264712	47.199	ng		93
40) 1,2,4,5-Tetrachloroben...	8.857	216	148898	45.924	ng	#	97
41) Hexachlorocyclopentadiene	8.839	237	92710	368.513	ng		97
43) 2,4,6-Trichlorophenol	8.981	196	85165	41.857	ng		97

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062821\
Data File : BF124477.D
Acq On : 28 Jun 2021 19:45
Operator : JU/CG
Sample : M2856-18MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-09-COMPMSD

Manual Integrations APPROVED
mohammad
6/29/2021 2:28:54 PM

Quant Time: Jun 29 05:12:12 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 28 16:01:42 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.028	196	91239	42.499	ng	#	90
46) 1,1'-Biphenyl	9.157	154	357931	46.679	ng		96
47) 2-Chloronaphthalene	9.181	162	279568	44.573	ng		96
48) 2-Nitroaniline	9.286	65	95102	46.092	ng		96
49) Acenaphthylene	9.592	152	419028	46.218	ng		97
50) Dimethylphthalate	9.469	163	385215	54.156	ng		98
51) 2,6-Dinitrotoluene	9.533	165	77284	47.036	ng	#	73
52) Acenaphthene	9.769	154	257980	44.813	ng		94
53) 3-Nitroaniline	9.704	138	42567	29.267	ng		85
54) 2,4-Dinitrophenol	9.822	184	51605	76.393	ng	#	76
55) Dibenzofuran	9.939	168	424329	46.246	ng		97
56) 4-Nitrophenol	9.892	139	71526	93.744	ng		91
57) 2,4-Dinitrotoluene	9.939	165	107907	49.546	ng	#	85
58) Fluorene	10.281	166	326123	46.256	ng		94
59) 2,3,4,6-Tetrachlorophenol	10.069	232	74051	47.163	ng	#	90
60) Diethylphthalate	10.163	149	351122	49.609	ng		97
61) 4-Chlorophenyl-phenyle...	10.275	204	171266	49.018	ng		92
62) 4-Nitroaniline	10.328	138	66672	47.645	ng		86
63) Azobenzene	10.433	77	319397	45.334	ng		95
65) 4,6-Dinitro-2-methylph...	10.357	198	48482	40.445	ng	#	58
66) n-Nitrosodiphenylamine	10.398	169	295345	46.037	ng		96
67) 4-Bromophenyl-phenylether	10.763	248	104875	46.616	ng		95
68) Hexachlorobenzene	10.833	284	113017	46.236	ng	#	92
69) Atrazine	10.928	200	102816	62.120	ng		99
70) Pentachlorophenol	11.033	266	57137	94.512	ng		97
71) Phenanthrene	11.245	178	495985	47.049	ng		99
72) Anthracene	11.298	178	515737	49.101	ng		98
73) Carbazole	11.457	167	427532	46.703	ng		97
74) Di-n-butylphthalate	11.780	149	568435	52.146	ng		98
75) Fluoranthene	12.433	202	521885	49.195	ng		96
77) Benzidine	12.557	184	185109	77.454	ng	#	95
78) Pyrene	12.663	202	533910	49.049	ng		98
80) Butylbenzylphthalate	13.280	149	226528	52.407	ng		87
81) Benzo(a)anthracene	13.851	228	406136	47.239	ng		97
82) 3,3'-Dichlorobenzidine	13.810	252	70327	25.530	ng		95
83) Chrysene	13.892	228	390429	45.824	ng		98
84) Bis(2-ethylhexyl)phtha...	13.839	149	299101	51.647	ng		97
85) Di-n-octyl phthalate	14.451	149	393932	43.676	ng	#	86
87) Indeno(1,2,3-cd)pyrene	16.686	276	342345	54.731	ng		97
88) Benzo(b)fluoranthene	14.880	252	280690	46.700	ng		98
89) Benzo(k)fluoranthene	14.910	252	286250	52.056	ng		98
90) Benzo(a)pyrene	15.227	252	271818	50.892	ng		99
91) Dibenzo(a,h)anthracene	16.692	278	287929	53.440	ng		98
92) Benzo(g,h,i)perylene	17.104	276	287408	54.210	ng		99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062821\
Data File : BF124477.D
Acq On : 28 Jun 2021 19:45
Operator : JU/CG
Sample : M2856-18MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jun 29 05:12:12 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 28 16:01:42 2021
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SB-09-COMPMSD

Manual Integrations APPROVED
mohammad
6/29/2021 2:28:54 PM