Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120720\
Data File : BF122581.D
Acq On : 7 Dec 2020 20:01
Operator : JU/CG
Sample : L4952-02MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RO-275MSD

Manual Integrations APPROVED
mohammad
12/8/2020 2:06:14 PM

Quant Time: Dec 08 00:24:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 07 12:08:49 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.839	152	174933	20.00	ng		0.00
21) Naphthalene-d8	8.128	136	687585	20.00	ng		0.00
39) Acenaphthene-d10	9.880	164	369107	20.00	ng		0.00
64) Phenanthrene-d10	11.363	188	660481	20.00	ng		0.00
76) Chrysene-d12	14.004	240	444626	20.00	ng		0.00
86) Perylene-d12	15.462	264	393348	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.463	112	1096648	99.25	ng		0.00
7) Phenol-d6	6.475	99	1382877	94.37	ng		0.00
23) Nitrobenzene-d5	7.404	82	869293	63.34	ng		0.00
42) 2,4,6-Tribromophenol	10.669	330	421354	87.21	ng		0.00
45) 2-Fluorobiphenyl	9.204	172	1595869	58.48	ng		0.00
79) Terphenyl-d14	12.951	244	1563223	61.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.640	88	211705	40.76	ng		99
3) Pyridine	3.387	79	595930	43.41	ng		99
4) n-Nitrosodimethylamine	3.340	42	269444	48.95	ng		97
6) Aniline	6.504	93	518180	30.04	ng		99
8) 2-Chlorophenol	6.628	128	603490	49.55	ng		97
9) Benzaldehyde	6.386	77	287904	32.46	ng		96
10) Phenol	6.492	94	759758	50.03	ng		96
11) bis(2-Chloroethyl)ether	6.575	93	562561	48.49	ng		97
12) 1,3-Dichlorobenzene	6.781	146	646370	44.85	ng		98
13) 1,4-Dichlorobenzene	6.857	146	661678	45.54	ng		97
14) 1,2-Dichlorobenzene	7.010	146	633914	45.19	ng		99
15) Benzyl Alcohol	6.986	79	504436	49.99	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.116	45	744612	45.01	ng		99
17) 2-Methylphenol	7.098	107	488808	50.49	ng		100
18) Hexachloroethane	7.357	117	235006	45.38	ng		95
19) n-Nitroso-di-n-propyla...	7.257	70	394190	46.96	ng		97
20) 3+4-Methylphenols	7.251	107	560619	45.84	ng		94
22) Acetophenone	7.251	105	741813	43.39	ng	#	94
24) Nitrobenzene	7.422	77	621049	45.49	ng		97
25) Isophorone	7.663	82	1105510	46.77	ng		99
26) 2-Nitrophenol	7.739	139	316457	47.53	ng		98
27) 2,4-Dimethylphenol	7.781	122	512081	52.47	ng		99
28) bis(2-Chloroethoxy)met...	7.875	93	698614	43.16	ng		99
29) 2,4-Dichlorophenol	7.986	162	512372	44.96	ng		97
30) 1,2,4-Trichlorobenzene	8.069	180	546252	42.30	ng		97
31) Naphthalene	8.145	128	1675766	44.17	ng		99
32) Benzoic acid	7.869	122	82200m	10.57	ng		
33) 4-Chloroaniline	8.192	127	236557	14.91	ng		99
34) Hexachlorobutadiene	8.263	225	326918	41.13	ng		99
35) Caprolactam	8.569	113	144080m	41.97	ng		
36) 4-Chloro-3-methylphenol	8.680	107	526910	46.93	ng		99
37) 2-Methylnaphthalene	8.839	142	1110153	44.23	ng		98
38) 1-Methylnaphthalene	8.939	142	1049907	44.22	ng		98
40) 1,2,4,5-Tetrachloroben...	9.004	216	519518	42.49	ng		99
41) Hexachlorocyclopentadiene	8.992	237	558365	103.30	ng		97
43) 2,4,6-Trichlorophenol	9.116	196	362755	42.96	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120720\
Data File : BF122581.D
Acq On : 7 Dec 2020 20:01
Operator : JU/CG
Sample : L4952-02MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RO-275MSD

Manual Integrations APPROVED
mohammad
12/8/2020 2:06:14 PM

Quant Time: Dec 08 00:24:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 07 12:08:49 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.157	196	388776	44.54	ng	99
46) 1,1'-Biphenyl	9.304	154	1337263	43.65	ng	100
47) 2-Chloronaphthalene	9.327	162	1070144	42.16	ng	99
48) 2-Nitroaniline	9.422	65	319441	43.17	ng	90
49) Acenaphthylene	9.745	152	1649939	44.01	ng	100
50) Dimethylphthalate	9.604	163	1357527	46.05	ng	99
51) 2,6-Dinitrotoluene	9.663	165	293308	47.11	ng	90
52) Acenaphthene	9.916	154	1053433m	43.43	ng	
53) 3-Nitroaniline	9.833	138	167033	23.22	ng	100
54) 2,4-Dinitrophenol	9.939	184	138821	45.61	ng	98
55) Dibenzofuran	10.086	168	1473003	43.17	ng	100
56) 4-Nitrophenol	10.004	139	439916	85.76	ng	94
57) 2,4-Dinitrotoluene	10.069	165	393986	47.51	ng	98
58) Fluorene	10.433	166	1144050	42.16	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.204	232	310133	40.44	ng	99
60) Diethylphthalate	10.304	149	1215706	42.40	ng	99
61) 4-Chlorophenyl-phenyle...	10.422	204	548269	41.04	ng	98
62) 4-Nitroaniline	10.451	138	289419	39.63	ng	96
63) Azobenzene	10.580	77	1157222	43.91	ng	99
65) 4,6-Dinitro-2-methylph...	10.480	198	142685	35.43	ng	89
66) n-Nitrosodiphenylamine	10.539	169	1057323	45.31	ng	99
67) 4-Bromophenyl-phenylether	10.910	248	379724	42.43	ng	97
68) Hexachlorobenzene	10.980	284	418738	42.32	ng	95
69) Atrazine	11.069	200	289724	38.23	ng	98
70) Pentachlorophenol	11.174	266	360634	68.80	ng	99
71) Phenanthrene	11.392	178	1722059	43.87	ng	100
72) Anthracene	11.445	178	1758009	45.17	ng	100
73) Carbazole	11.598	167	1550514	43.92	ng	100
74) Di-n-butylphthalate	11.927	149	1809310	40.79	ng	100
75) Fluoranthene	12.580	202	1763921	42.85	ng	99
77) Benzidine	12.698	184	514885	53.54	ng	99
78) Pyrene	12.810	202	1736195	50.51	ng	100
80) Butylbenzylphthalate	13.427	149	689058	44.50	ng	97
81) Benzo(a)anthracene	13.998	228	1347711	45.36	ng	99
82) 3,3'-Dichlorobenzidine	13.957	252	248903	23.39	ng	98
83) Chrysene	14.033	228	1335163	45.15	ng	99
84) Bis(2-ethylhexyl)phtha...	13.986	149	868195	40.94	ng	99
85) Di-n-octyl phthalate	14.598	149	1339126	38.07	ng	99
87) Indeno(1,2,3-cd)pyrene	16.927	276	1422185	55.08	ng	99
88) Benzo(b)fluoranthene	15.039	252	1289424	46.72	ng	99
89) Benzo(k)fluoranthene	15.074	252	1116497	44.25	ng	98
90) Benzo(a)pyrene	15.404	252	1090939	45.18	ng	100
91) Dibenzo(a,h)anthracene	16.939	278	1147943	54.32	ng	99
92) Benzo(g,h,i)perylene	17.368	276	1246418	60.94	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120720\
Data File : BF122581.D
Acq On : 7 Dec 2020 20:01
Operator : JU/CG
Sample : L4952-02MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Dec 08 00:24:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 07 12:08:49 2020
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
RO-275MSD

Manual Integrations APPROVED
mohammad
12/8/2020 2:06:14 PM