Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032321\
Data File : BF123413.D
Acq On : 23 Mar 2021 20:26
Operator : JU/CG
Sample : M1682-02MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-MANHOLEMS

Manual Integrations APPROVED
mohammad
3/24/2021 1:33:24 PM

Quant Time: Mar 24 00:26:42 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 23 15:58:35 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.916	152	263413	20.00	ng		0.00
21) Naphthalene-d8	8.204	136	998636	20.00	ng		# 0.00
39) Acenaphthene-d10	9.963	164	538101	20.00	ng		0.00
64) Phenanthrene-d10	11.457	188	818887	20.00	ng		0.00
76) Chrysene-d12	14.104	240	389263	20.00	ng		0.00
86) Perylene-d12	15.609	264	447152	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.545	112	1320598	82.02	ng		0.02
7) Phenol-d6	6.545	99	1685756	78.65	ng		0.01
23) Nitrobenzene-d5	7.481	82	1135796	61.38	ng		0.00
42) 2,4,6-Tribromophenol	10.757	330	449644	74.74	ng		0.00
45) 2-Fluorobiphenyl	9.280	172	2030838	53.92	ng		0.00
79) Terphenyl-d14	13.045	244	1424972	62.04	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.834	88	280424	36.21	ng	#	69
3) Pyridine	3.581	79	757724	37.21	ng	#	62
4) n-Nitrosodimethylamine	3.528	42	481337	39.51	ng	#	66
6) Aniline	6.575	93	402846	15.36	ng		93
8) 2-Chlorophenol	6.704	128	742759	41.83	ng		90
9) Benzaldehyde	6.469	77	579573	Below Cal			98
10) Phenol	6.557	94	947864	43.08	ng		95
11) bis(2-Chloroethyl)ether	6.651	93	741322	42.26	ng		83
12) 1,3-Dichlorobenzene	6.857	146	764032	39.88	ng	#	96
13) 1,4-Dichlorobenzene	6.934	146	770049	40.19	ng		96
14) 1,2-Dichlorobenzene	7.087	146	749902	42.13	ng		98
15) Benzyl Alcohol	7.057	79	697043	41.53	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.192	45	1610687	40.91	ng		86
17) 2-Methylphenol	7.169	107	608563	41.69	ng		98
18) Hexachloroethane	7.434	117	302404	42.12	ng		97
19) n-Nitroso-di-n-propyla...	7.334	70	550127	39.68	ng	#	77
20) 3+4-Methylphenols	7.316	107	722329	39.72	ng		92
22) Acetophenone	7.328	105	1006237	40.14	ng	#	91
24) Nitrobenzene	7.498	77	818237	40.00	ng		94
25) Isophorone	7.739	82	1551526	39.00	ng		97
26) 2-Nitrophenol	7.816	139	376873	51.54	ng		93
27) 2,4-Dimethylphenol	7.851	122	714469	43.94	ng		99
28) bis(2-Chloroethoxy)met...	7.945	93	944196	44.04	ng		100
29) 2,4-Dichlorophenol	8.057	162	633867	39.72	ng		97
30) 1,2,4-Trichlorobenzene	8.139	180	691439	39.71	ng		99
31) Naphthalene	8.228	128	2074959	38.65	ng		100
32) Benzoic acid	7.981	122	500534	52.17	ng		95
33) 4-Chloroaniline	8.263	127	128818	5.85	ng	#	93
34) Hexachlorobutadiene	8.345	225	419897	39.54	ng		100
35) Caprolactam	8.651	113	208121m	43.36	ng		
36) 4-Chloro-3-methylphenol	8.751	107	654253	39.06	ng		96
37) 2-Methylnaphthalene	8.916	142	1442758	39.20	ng		100
38) 1-Methylnaphthalene	9.016	142	1336318	38.67	ng		99
40) 1,2,4,5-Tetrachloroben...	9.086	216	637697	39.83	ng		98
41) Hexachlorocyclopentadiene	9.075	237	668976	74.83	ng		99
43) 2,4,6-Trichlorophenol	9.192	196	448692	40.02	ng		98

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032321\
Data File : BF123413.D
Acq On : 23 Mar 2021 20:26
Operator : JU/CG
Sample : M1682-02MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-MANHOLEMS

Manual Integrations APPROVED
mohammad
3/24/2021 1:33:24 PM

Quant Time: Mar 24 00:26:42 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 23 15:58:35 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.233	196	457162	38.80	ng		96
46) 1,1'-Biphenyl	9.386	154	1687938	40.70	ng		98
47) 2-Chloronaphthalene	9.410	162	1286029	38.01	ng		98
48) 2-Nitroaniline	9.498	65	458331	44.65	ng	#	71
49) Acenaphthylene	9.828	152	2096296	39.62	ng		100
50) Dimethylphthalate	9.686	163	1579053	41.32	ng		99
51) 2,6-Dinitrotoluene	9.745	165	332141	41.60	ng	#	76
52) Acenaphthene	9.998	154	1368687	41.44	ng		98
53) 3-Nitroaniline	9.910	138	143092	16.97	ng		91
54) 2,4-Dinitrophenol	10.016	184	270613	72.18	ng	#	84
55) Dibenzofuran	10.175	168	1725352	36.33	ng		99
56) 4-Nitrophenol	10.075	139	459283	67.54	ng	#	73
57) 2,4-Dinitrotoluene	10.151	165	437295	43.89	ng		92
58) Fluorene	10.516	166	1297689	36.20	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.286	232	365455	38.00	ng	#	93
60) Diethylphthalate	10.392	149	1458555	39.09	ng		100
61) 4-Chlorophenyl-phenyle...	10.510	204	653248	37.28	ng		96
62) 4-Nitroaniline	10.533	138	271707	34.00	ng		98
63) Azobenzene	10.669	77	1469855	35.80	ng		93
65) 4,6-Dinitro-2-methylph...	10.557	198	175720	40.76	ng	#	77
66) n-Nitrosodiphenylamine	10.627	169	1145311	41.74	ng		99
67) 4-Bromophenyl-phenylether	10.998	248	422368	43.55	ng		96
68) Hexachlorobenzene	11.069	284	445511	41.68	ng		96
69) Atrazine	11.157	200	398722	45.72	ng		99
70) Pentachlorophenol	11.257	266	482101	75.59	ng		99
71) Phenanthrene	11.480	178	1811742	40.02	ng		100
72) Anthracene	11.533	178	1784539	39.19	ng		100
73) Carbazole	11.686	167	1461177	33.97	ng		99
74) Di-n-butylphthalate	12.021	149	2023299	41.32	ng		99
75) Fluoranthene	12.674	202	1646711	33.60	ng		97
77) Benzidine	12.786	184	436064	37.61	ng		98
78) Pyrene	12.904	202	1585871	47.23	ng		99
80) Butylbenzylphthalate	13.521	149	612170	49.15	ng		91
81) Benzo(a)anthracene	14.092	228	1075508	42.21	ng		99
82) 3,3'-Dichlorobenzidine	14.051	252	184475	22.26	ng		96
83) Chrysene	14.133	228	1076039	40.91	ng		98
84) Bis(2-ethylhexyl)phtha...	14.086	149	770840	47.01	ng		98
85) Di-n-octyl phthalate	14.710	149	1332872	51.43	ng	#	88
87) Indeno(1,2,3-cd)pyrene	17.139	276	1395411	50.22	ng		98
88) Benzo(b)fluoranthene	15.168	252	1146327	37.16	ng		97
89) Benzo(k)fluoranthene	15.198	252	1073646	36.82	ng		98
90) Benzo(a)pyrene	15.551	252	1056039	39.66	ng		98
91) Dibenzo(a,h)anthracene	17.162	278	1133529	48.05	ng		99
92) Benzo(g,h,i)perylene	17.603	276	1163281	49.26	ng		98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032321\
Data File : BF123413.D
Acq On : 23 Mar 2021 20:26
Operator : JU/CG
Sample : M1682-02MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Mar 24 00:26:42 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 23 15:58:35 2021
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SP-MANHOLEMS

Manual Integrations APPROVED
mohammad
3/24/2021 1:33:24 PM