Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032321\
Data File : BF123414.D
Acq On : 23 Mar 2021 20:58
Operator : JU/CG
Sample : M1682-02MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-MANHOLEMSD

Manual Integrations APPROVED
mohammad
3/24/2021 1:33:27 PM

Quant Time: Mar 24 00:27:04 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	262977	20.00	ng		0.00
21) Naphthalene-d8	8.204	136	995208	20.00	ng		# 0.00
39) Acenaphthene-d10	9.963	164	531135	20.00	ng		0.00
64) Phenanthrene-d10	11.457	188	825991	20.00	ng		0.00
76) Chrysene-d12	14.104	240	411387	20.00	ng		0.00
86) Perylene-d12	15.609	264	432125	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.545	112	1307114	81.31	ng		0.02
7) Phenol-d6	6.545	99	1703629	79.61	ng		0.01
23) Nitrobenzene-d5	7.481	82	1142472	61.96	ng		0.00
42) 2,4,6-Tribromophenol	10.757	330	450287	75.83	ng		0.00
45) 2-Fluorobiphenyl	9.280	172	1974476	53.11	ng		0.00
79) Terphenyl-d14	13.045	244	1528479	62.97	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.828	88	272608	35.26	ng	#	68
3) Pyridine	3.575	79	738926	36.34	ng	#	60
4) n-Nitrosodimethylamine	3.522	42	474619	39.02	ng	#	68
6) Aniline	6.575	93	570667	21.79	ng		93
8) 2-Chlorophenol	6.704	128	751127	42.37	ng		91
9) Benzaldehyde	6.463	77	584146	Below Cal			94
10) Phenol	6.557	94	970478	44.18	ng		96
11) bis(2-Chloroethyl)ether	6.651	93	742010	42.37	ng		85
12) 1,3-Dichlorobenzene	6.857	146	766423	40.07	ng	#	95
13) 1,4-Dichlorobenzene	6.933	146	761758	39.82	ng		97
14) 1,2-Dichlorobenzene	7.086	146	748250	42.11	ng		97
15) Benzyl Alcohol	7.057	79	693128	41.37	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.192	45	1606821	40.88	ng		87
17) 2-Methylphenol	7.169	107	617127	42.34	ng		99
18) Hexachloroethane	7.433	117	301280	42.04	ng		97
19) n-Nitroso-di-n-propyla...	7.333	70	558781	40.37	ng	#	77
20) 3+4-Methylphenols	7.322	107	719785	39.65	ng		93
22) Acetophenone	7.328	105	1009268	40.40	ng	#	90
24) Nitrobenzene	7.498	77	822506	40.35	ng	#	93
25) Isophorone	7.739	82	1538025	38.80	ng		97
26) 2-Nitrophenol	7.816	139	378206	51.90	ng	#	90
27) 2,4-Dimethylphenol	7.851	122	701844	43.31	ng		99
28) bis(2-Chloroethoxy)met...	7.951	93	939185	43.96	ng		99
29) 2,4-Dichlorophenol	8.057	162	623038	39.17	ng		96
30) 1,2,4-Trichlorobenzene	8.145	180	685882	39.53	ng		98
31) Naphthalene	8.228	128	2063901	38.57	ng		99
32) Benzoic acid	7.980	122	489419	51.19	ng		95
33) 4-Chloroaniline	8.263	127	167315	7.62	ng	#	95
34) Hexachlorobutadiene	8.345	225	421433	39.82	ng		99
35) Caprolactam	8.651	113	204260m	42.71	ng		
36) 4-Chloro-3-methylphenol	8.751	107	642396	38.48	ng		97
37) 2-Methylnaphthalene	8.916	142	1429391	38.97	ng		99
38) 1-Methylnaphthalene	9.016	142	1319826	38.33	ng		97
40) 1,2,4,5-Tetrachloroben...	9.086	216	628979	39.80	ng		98
41) Hexachlorocyclopentadiene	9.075	237	645095	73.10	ng		97
43) 2,4,6-Trichlorophenol	9.192	196	434160	39.23	ng		97

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032321\
Data File : BF123414.D
Acq On : 23 Mar 2021 20:58
Operator : JU/CG
Sample : M1682-02MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-MANHOLEMSD

Manual Integrations APPROVED
mohammad
3/24/2021 1:33:27 PM

Quant Time: Mar 24 00:27:04 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	447055	38.44	ng		95
46) 1,1'-Biphenyl	9.386	154	1662764	40.62	ng		97
47) 2-Chloronaphthalene	9.410	162	1249344	37.41	ng		98
48) 2-Nitroaniline	9.498	65	458855	45.28	ng	#	70
49) Acenaphthylene	9.827	152	2063557	39.51	ng		100
50) Dimethylphthalate	9.686	163	1542917	40.90	ng		98
51) 2,6-Dinitrotoluene	9.745	165	328593	41.70	ng	#	75
52) Acenaphthene	9.998	154	1340894	41.13	ng		99
53) 3-Nitroaniline	9.910	138	159528	19.17	ng		83
54) 2,4-Dinitrophenol	10.016	184	269610	72.77	ng	#	86
55) Dibenzofuran	10.174	168	1698878	36.24	ng		99
56) 4-Nitrophenol	10.074	139	469924	70.01	ng	#	69
57) 2,4-Dinitrotoluene	10.151	165	437101	44.44	ng		91
58) Fluorene	10.516	166	1274389	36.01	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.286	232	355314	37.43	ng	#	92
60) Diethylphthalate	10.392	149	1447550	39.31	ng		100
61) 4-Chlorophenyl-phenyle...	10.510	204	638920	36.94	ng		96
62) 4-Nitroaniline	10.533	138	278617	35.33	ng		100
63) Azobenzene	10.669	77	1446896	35.70	ng		92
65) 4,6-Dinitro-2-methylph...	10.557	198	177370	40.78	ng	#	76
66) n-Nitrosodiphenylamine	10.627	169	1142597	41.28	ng		99
67) 4-Bromophenyl-phenylether	10.998	248	417245	42.65	ng		98
68) Hexachlorobenzene	11.069	284	446579	41.42	ng		97
69) Atrazine	11.157	200	398062	45.25	ng		98
70) Pentachlorophenol	11.257	266	497252	77.30	ng		100
71) Phenanthrene	11.480	178	1844675	40.40	ng		100
72) Anthracene	11.533	178	1801218	39.22	ng		100
73) Carbazole	11.686	167	1530220	35.27	ng		98
74) Di-n-butylphthalate	12.021	149	2056227	41.63	ng		100
75) Fluoranthene	12.674	202	1743296	35.26	ng		98
77) Benzidine	12.786	184	544933	44.47	ng		99
78) Pyrene	12.904	202	1694128	47.74	ng		99
80) Butylbenzylphthalate	13.521	149	663177	50.39	ng		94
81) Benzo(a)anthracene	14.092	228	1122307	41.68	ng		98
82) 3,3'-Dichlorobenzidine	14.051	252	223632	25.53	ng	#	97
83) Chrysene	14.133	228	1123676	40.42	ng		100
84) Bis(2-ethylhexyl)phtha...	14.086	149	790618	45.63	ng		99
85) Di-n-octyl phthalate	14.709	149	1318173	48.13	ng	#	89
87) Indeno(1,2,3-cd)pyrene	17.139	276	1354503	50.44	ng		99
88) Benzo(b)fluoranthene	15.168	252	1141941	38.30	ng		98
89) Benzo(k)fluoranthene	15.198	252	1008697	35.79	ng		98
90) Benzo(a)pyrene	15.545	252	1012548	39.35	ng		99
91) Dibenzo(a,h)anthracene	17.162	278	1098946	48.21	ng		99
92) Benzo(g,h,i)perylene	17.609	276	1124886	49.29	ng		97

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032321\
Data File : BF123414.D
Acq On : 23 Mar 2021 20:58
Operator : JU/CG
Sample : M1682-02MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Mar 24 00:27:04 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-MANHOLEMSD

Manual Integrations APPROVED
mohammad
3/24/2021 1:33:27 PM