Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072623\
Data File : BF134494.D
Acq On : 26 Jul 2023 21:50
Operator : CG\JU
Sample : 03580-01MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WASTE-1MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/27/2023
Supervised By :mohammad ahmed 07/27/2023

Quant Time: Jul 27 01:56:35 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 01:46:04 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.822	152	104238	20.000	ng		-0.01
21) Naphthalene-d8	8.104	136	409226	20.000	ng		#-0.01
39) Acenaphthene-d10	9.863	164	211379	20.000	ng		-0.01
64) Phenanthrene-d10	11.357	188	409729	20.000	ng		-0.01
76) Chrysene-d12	14.015	240	219468	20.000	ng		-0.02
86) Perylene-d12	15.509	264	253649	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	1004338	159.189	ng		0.00
7) Phenol-d6	6.475	99	800110	103.509	ng		0.00
23) Nitrobenzene-d5	7.392	82	629599	77.840	ng		-0.01
42) 2,4,6-Tribromophenol	10.663	330	338333	112.653	ng		0.00
45) 2-Fluorobiphenyl	9.180	172	1224886	76.073	ng		-0.01
79) Terphenyl-d14	12.951	244	1272117	101.185	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.734	88	114772	42.888	ng	#	77
3) Pyridine	3.504	79	252277	41.997	ng		93
4) n-Nitrosodimethylamine	3.422	42	181418	51.104	ng		86
6) Aniline	6.498	93	151251	16.602	ng	#	82
8) 2-Chlorophenol	6.616	128	257889	40.348	ng		98
9) Benzaldehyde	6.387	77	80192	19.372	ng		97
10) Phenol	6.487	94	277514	34.506	ng		96
11) bis(2-Chloroethyl)ether	6.563	93	251215	44.744	ng		98
12) 1,3-Dichlorobenzene	6.763	146	267632	38.939	ng		99
13) 1,4-Dichlorobenzene	6.839	146	276257	39.058	ng		98
14) 1,2-Dichlorobenzene	6.992	146	258318	38.879	ng		97
15) Benzyl Alcohol	6.975	79	251973	42.219	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.098	45	377934	45.710	ng		87
17) 2-Methylphenol	7.087	107	209311	36.720	ng		98
18) Hexachloroethane	7.328	117	102379	37.676	ng		99
19) n-Nitroso-di-n-propyla...	7.239	70	196288	40.791	ng		98
20) 3+4-Methylphenols	7.239	107	267640	36.672	ng		98
22) Acetophenone	7.234	105	383242	37.656	ng	#	91
24) Nitrobenzene	7.410	77	293215	36.451	ng		99
25) Isophorone	7.645	82	538147	39.921	ng		99
26) 2-Nitrophenol	7.722	139	146585	39.620	ng		97
27) 2,4-Dimethylphenol	7.763	122	225397	38.605	ng		95
28) bis(2-Chloroethoxy)met...	7.851	93	318393	42.434	ng		98
29) 2,4-Dichlorophenol	7.969	162	235108	40.282	ng		99
30) 1,2,4-Trichlorobenzene	8.045	180	238323	37.855	ng		98
31) Naphthalene	8.128	128	800176	39.289	ng		99
32) Benzoic acid	7.910	122	160168	41.069	ng	#	86
33) 4-Chloroaniline	8.181	127	89313	10.609	ng		98
34) Hexachlorobutadiene	8.233	225	154314	36.588	ng		98
35) Caprolactam	8.563	113	70204m	39.337	ng		
36) 4-Chloro-3-methylphenol	8.675	107	262396	38.963	ng		98
37) 2-Methylnaphthalene	8.816	142	533081	37.671	ng		98
38) 1-Methylnaphthalene	8.916	142	496610	37.828	ng		97
40) 1,2,4,5-Tetrachloroben...	8.980	216	257455	38.434	ng		99
41) Hexachlorocyclopentadiene	8.963	237	175660	77.655	ng		92
43) 2,4,6-Trichlorophenol	9.104	196	175925	40.938	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072623\
Data File : BF134494.D
Acq On : 26 Jul 2023 21:50
Operator : CG\JU
Sample : 03580-01MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WASTE-1MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/27/2023
Supervised By :mohammad ahmed 07/27/2023

Quant Time: Jul 27 01:56:35 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 01:46:04 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	186913	37.332	ng		98
46) 1,1'-Biphenyl	9.280	154	679247	38.989	ng		98
47) 2-Chloronaphthalene	9.310	162	499466	38.888	ng		99
48) 2-Nitroaniline	9.416	65	177032	38.273	ng		95
49) Acenaphthylene	9.727	152	823954	37.974	ng		98
50) Dimethylphthalate	9.586	163	634077	40.466	ng		99
51) 2,6-Dinitrotoluene	9.657	165	138354	40.240	ng		88
52) Acenaphthene	9.898	154	496000	38.696	ng		97
53) 3-Nitroaniline	9.828	138	100408	25.471	ng		96
54) 2,4-Dinitrophenol	9.945	184	137358	76.464	ng		97
55) Dibenzofuran	10.069	168	749980	38.016	ng		99
56) 4-Nitrophenol	10.010	139	172519	82.066	ng		90
57) 2,4-Dinitrotoluene	10.069	165	179816	38.937	ng		94
58) Fluorene	10.416	166	617222	38.782	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.192	232	148758m	38.672	ng		
60) Diethylphthalate	10.286	149	673541	41.517	ng		99
61) 4-Chlorophenyl-phenyle...	10.404	204	284894	37.473	ng		98
62) 4-Nitroaniline	10.451	138	129049	31.908	ng		96
63) Azobenzene	10.569	77	598450	40.076	ng		100
65) 4,6-Dinitro-2-methylph...	10.480	198	92091	39.183	ng		94
66) n-Nitrosodiphenylamine	10.527	169	536454	41.153	ng		99
67) 4-Bromophenyl-phenylether	10.898	248	184877	41.183	ng		98
68) Hexachlorobenzene	10.963	284	213796	42.292	ng		99
69) Atrazine	11.063	200	177149	48.742	ng		98
70) Pentachlorophenol	11.169	266	181972	85.776	ng		95
71) Phenanthrene	11.380	178	852904	39.841	ng		99
72) Anthracene	11.433	178	844457	38.219	ng		99
73) Carbazole	11.598	167	796862	38.299	ng		98
74) Di-n-butylphthalate	11.916	149	1059784	44.372	ng		99
75) Fluoranthene	12.580	202	823305	32.999	ng		99
77) Benzidine	12.704	184	26005	5.549	ng	#	92
78) Pyrene	12.810	202	667422	38.247	ng		100
80) Butylbenzylphthalate	13.421	149	368310	52.690	ng		99
81) Benzo(a)anthracene	14.004	228	618549	40.397	ng		100
82) 3,3'-Dichlorobenzidine	13.968	252	192855	39.766	ng		98
83) Chrysene	14.045	228	561003	38.305	ng		100
84) Bis(2-ethylhexyl)phtha...	13.986	149	477178	56.191	ng		99
85) Di-n-octyl phthalate	14.604	149	816942	69.225	ng		99
87) Indeno(1,2,3-cd)pyrene	17.051	276	514046	31.021	ng		99
88) Benzo(b)fluoranthene	15.068	252	666119	41.978	ng		99
89) Benzo(k)fluoranthene	15.098	252	598365	38.343	ng		99
90) Benzo(a)pyrene	15.445	252	557257	37.993	ng	#	96
91) Dibenzo(a,h)anthracene	17.056	278	435720	32.559	ng		97
92) Benzo(g,h,i)perylene	17.509	276	390056	28.386	ng		100

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072623\
Data File : BF134494.D
Acq On : 26 Jul 2023 21:50
Operator : CG\JU
Sample : 03580-01MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jul 27 01:56:35 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 01:46:04 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
WASTE-1MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/27/2023
Supervised By :mohammad ahmed 07/27/2023