Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081723\
Data File : BF134820.D
Acq On : 17 Aug 2023 12:52
Operator : CG\JU
Sample : 04019-01MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 18 01:05:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 04 09:29:15 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
EO-02-081523MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.798	152	141568	20.000	ng		0.00
21) Naphthalene-d8	8.081	136	568222	20.000	ng	#	0.00
39) Acenaphthene-d10	9.839	164	258628	20.000	ng		0.00
64) Phenanthrene-d10	11.327	188	412216	20.000	ng	#	0.00
76) Chrysene-d12	13.974	240	277649	20.000	ng	#	0.00
86) Perylene-d12	15.445	264	276060	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	856425	91.960	ng		0.01
7) Phenol-d6	6.440	99	1087963	91.387	ng		0.00
23) Nitrobenzene-d5	7.363	82	660183	72.607	ng		0.00
42) 2,4,6-Tribromophenol	10.628	330	255942	97.078	ng		0.00
45) 2-Fluorobiphenyl	9.157	172	1154108	74.196	ng		0.00
79) Terphenyl-d14	12.916	244	1041550	66.131	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.610	88	167353	39.056	ng	#	93
3) Pyridine	3.369	79	427542	36.822	ng		91
4) n-Nitrosodimethylamine	3.334	42	222861	40.171	ng	#	59
6) Aniline	6.469	93	493115	31.580	ng		91
8) 2-Chlorophenol	6.587	128	467617	49.775	ng		95
9) Benzaldehyde	6.357	77	199572	32.533	ng		91
10) Phenol	6.457	94	549207m	46.813	ng		
11) bis(2-Chloroethyl)ether	6.540	93	430068	46.146	ng		94
12) 1,3-Dichlorobenzene	6.740	146	479453	49.326	ng		96
13) 1,4-Dichlorobenzene	6.822	146	481582	49.436	ng		96
14) 1,2-Dichlorobenzene	6.969	146	466280	51.372	ng		95
15) Benzyl Alcohol	6.945	79	391903	47.718	ng		92
16) 2,2'-oxybis(1-Chloropr...	7.081	45	650299	44.538	ng		90
17) 2-Methylphenol	7.057	107	370701	44.653	ng		93
18) Hexachloroethane	7.310	117	165976	48.545	ng		92
19) n-Nitroso-di-n-propyla...	7.216	70	297125	41.685	ng		93
20) 3+4-Methylphenols	7.210	107	420546	42.005	ng	#	88
22) Acetophenone	7.210	105	570678	43.504	ng	#	92
24) Nitrobenzene	7.387	77	468647	47.708	ng		92
25) Isophorone	7.622	82	852876	43.005	ng		99
26) 2-Nitrophenol	7.698	139	233003	54.969	ng	#	90
27) 2,4-Dimethylphenol	7.739	122	371254	41.955	ng		86
28) bis(2-Chloroethoxy)met...	7.834	93	523063	44.090	ng		99
29) 2,4-Dichlorophenol	7.939	162	366288	45.608	ng		97
30) 1,2,4-Trichlorobenzene	8.022	180	405519	47.350	ng		97
31) Naphthalene	8.104	128	1254364	43.924	ng		99
32) Benzoic acid	7.863	122	278365m	48.188	ng		
33) 4-Chloroaniline	8.151	127	252188	19.819	ng		97
34) Hexachlorobutadiene	8.216	225	235899	47.752	ng		95
35) Caprolactam	8.528	113	116985m	45.148	ng		
36) 4-Chloro-3-methylphenol	8.639	107	375677	44.169	ng		90
37) 2-Methylnaphthalene	8.792	142	789401	41.703	ng		100
38) 1-Methylnaphthalene	8.892	142	746110	42.388	ng		97
40) 1,2,4,5-Tetrachloroben...	8.957	216	381069	50.669	ng		99
41) Hexachlorocyclopentadiene	8.945	237	210668	57.603	ng		91
43) 2,4,6-Trichlorophenol	9.075	196	244956	49.768	ng		95

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081723\
Data File : BF134820.D
Acq On : 17 Aug 2023 12:52
Operator : CG\JU
Sample : 04019-01MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-081523MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023

Quant Time: Aug 18 01:05:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 04 09:29:15 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	253898	45.134	ng		92
46) 1,1'-Biphenyl	9.257	154	970708	48.266	ng		98
47) 2-Chloronaphthalene	9.286	162	721596	47.884	ng		97
48) 2-Nitroaniline	9.381	65	227125	48.321	ng		91
49) Acenaphthylene	9.698	152	1099680	46.424	ng		99
50) Dimethylphthalate	9.563	163	864193	49.026	ng		98
51) 2,6-Dinitrotoluene	9.628	165	187003	51.581	ng	#	78
52) Acenaphthene	9.869	154	719239m	46.853	ng		
53) 3-Nitroaniline	9.792	138	158455	40.330	ng		96
54) 2,4-Dinitrophenol	9.904	184	109555	77.470	ng	#	82
55) Dibenzofuran	10.045	168	957012	43.793	ng		94
56) 4-Nitrophenol	9.957	139	270913	84.307	ng	#	78
57) 2,4-Dinitrotoluene	10.033	165	227148	51.829	ng	#	79
58) Fluorene	10.386	166	709315	44.563	ng		96
59) 2,3,4,6-Tetrachlorophenol	10.163	232	205173m	46.101	ng		
60) Diethylphthalate	10.263	149	783265	46.879	ng		97
61) 4-Chlorophenyl-phenyle...	10.380	204	357368	45.677	ng		94
62) 4-Nitroaniline	10.410	138	166473	43.229	ng	#	83
63) Azobenzene	10.539	77	726729	40.483	ng		97
65) 4,6-Dinitro-2-methylph...	10.439	198	78153	47.106	ng	#	79
66) n-Nitrosodiphenylamine	10.498	169	644039	49.086	ng		98
67) 4-Bromophenyl-phenylether	10.869	248	225460	49.964	ng		97
68) Hexachlorobenzene	10.933	284	238144	49.977	ng		98
69) Atrazine	11.033	200	210206	59.440	ng		99
70) Pentachlorophenol	11.127	266	227989	77.275	ng		96
71) Phenanthrene	11.351	178	1109415	50.669	ng		99
72) Anthracene	11.404	178	1041729	46.579	ng		99
73) Carbazole	11.557	167	894999	44.819	ng		99
74) Di-n-butylphthalate	11.892	149	1057542	49.849	ng		99
75) Fluoranthene	12.545	202	1168550	50.525	ng		98
77) Benzidine	12.669	184	490387	81.363	ng		99
78) Pyrene	12.774	202	1141493	47.512	ng		97
80) Butylbenzylphthalate	13.398	149	396145	48.762	ng	#	96
81) Benzo(a)anthracene	13.968	228	905018	45.585	ng		99
82) 3,3'-Dichlorobenzidine	13.933	252	302944	52.643	ng		96
83) Chrysene	14.004	228	870842	45.023	ng		99
84) Bis(2-ethylhexyl)phtha...	13.963	149	497180	52.004	ng		98
85) Di-n-octyl phthalate	14.580	149	977580	67.241	ng		100
87) Indeno(1,2,3-cd)pyrene	16.951	276	781748	48.150	ng	#	93
88) Benzo(b)fluoranthene	15.021	252	913618	54.264	ng	#	98
89) Benzo(k)fluoranthene	15.051	252	785845	46.854	ng		98
90) Benzo(a)pyrene	15.386	252	757249	48.238	ng	#	96
91) Dibenzo(a,h)anthracene	16.968	278	616247	46.966	ng	#	96
92) Benzo(g,h,i)perylene	17.398	276	598595	44.724	ng	#	92

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081723\
Data File : BF134820.D
Acq On : 17 Aug 2023 12:52
Operator : CG\JU
Sample : 04019-01MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 18 01:05:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 04 09:29:15 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
EO-02-081523MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023