Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042023\
Data File : BF132952.D
Acq On : 20 Apr 2023 23:09
Operator : CG\JU
Sample : 02386-04MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Apr 21 02:18:35 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 20 14:15:37 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SPA-1WC-23-04MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.757	152	338349	20.000	ng		0.00
21) Naphthalene-d8	8.045	136	1422402	20.000	ng		0.00
39) Acenaphthene-d10	9.798	164	708115	20.000	ng		0.00
64) Phenanthrene-d10	11.281	188	1225488	20.000	ng		0.00
76) Chrysene-d12	13.922	240	757512	20.000	ng		0.00
86) Perylene-d12	15.345	264	687974	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.387	112	2845657	131.511	ng		0.03
7) Phenol-d6	6.398	99	3506102	126.982	ng		0.00
23) Nitrobenzene-d5	7.328	82	2425992	88.902	ng		0.00
42) 2,4,6-Tribromophenol	10.592	330	1038481	146.215	ng		0.00
45) 2-Fluorobiphenyl	9.128	172	3801283	82.467	ng		0.00
79) Terphenyl-d14	12.875	244	4275398	96.291	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.687	88	454372	43.034	ng		98
3) Pyridine	3.357	79	986326	34.156	ng		97
4) n-Nitrosodimethylamine	3.281	42	682156	49.717	ng		100
6) Aniline	6.422	93	845894	23.101	ng		98
8) 2-Chlorophenol	6.546	128	1141690	52.009	ng		100
9) Benzaldehyde	6.304	77	518849	31.759	ng		95
10) Phenol	6.410	94	1343843	43.286	ng		95
11) bis(2-Chloroethyl)ether	6.498	93	1190731	50.785	ng		99
12) 1,3-Dichlorobenzene	6.698	146	1182345	49.003	ng		98
13) 1,4-Dichlorobenzene	6.775	146	1270131	52.536	ng		98
14) 1,2-Dichlorobenzene	6.928	146	1231093	54.537	ng		99
15) Benzyl Alcohol	6.904	79	1070770	56.586	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.040	45	2080820	51.290	ng		100
17) 2-Methylphenol	7.022	107	969904	48.239	ng		100
18) Hexachloroethane	7.275	117	418218	49.844	ng		95
19) n-Nitroso-di-n-propyla...	7.187	70	870984	50.537	ng		97
20) 3+4-Methylphenols	7.175	107	1131033	47.594	ng		93
22) Acetophenone	7.175	105	1600170	47.955	ng	#	95
24) Nitrobenzene	7.345	77	1269507	45.388	ng		99
25) Isophorone	7.587	82	2430883	46.963	ng		99
26) 2-Nitrophenol	7.663	139	638259	60.490	ng		97
27) 2,4-Dimethylphenol	7.704	122	1117265	51.908	ng		97
28) bis(2-Chloroethoxy)met...	7.798	93	1420075	45.886	ng		96
29) 2,4-Dichlorophenol	7.904	162	966344	48.235	ng		97
30) 1,2,4-Trichlorobenzene	7.987	180	1013382	46.847	ng		100
31) Naphthalene	8.069	128	3400725	47.312	ng		100
32) Benzoic acid	7.828	122	561653	52.036	ng	#	83
33) 4-Chloroaniline	8.110	127	451783	15.346	ng		98
34) Hexachlorobutadiene	8.187	225	540956	43.713	ng		99
35) Caprolactam	8.510	113	335637m	56.257	ng		
36) 4-Chloro-3-methylphenol	8.598	107	1062410	50.524	ng		98
37) 2-Methylnaphthalene	8.763	142	2188120	44.227	ng		99
38) 1-Methylnaphthalene	8.857	142	2056053	44.601	ng		99
40) 1,2,4,5-Tetrachloroben...	8.928	216	900511	44.961	ng		99
41) Hexachlorocyclopentadiene	8.916	237	1063087	100.702	ng		98
43) 2,4,6-Trichlorophenol	9.039	196	658163	51.839	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042023\
Data File : BF132952.D
Acq On : 20 Apr 2023 23:09
Operator : CG\JU
Sample : 02386-04MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SPA-1WC-23-04MS

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023

Quant Time: Apr 21 02:18:35 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 20 14:15:37 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	694292	46.765	ng	99
46) 1,1'-Biphenyl	9.228	154	2564753	45.689	ng	99
47) 2-Chloronaphthalene	9.251	162	1966503	47.339	ng	99
48) 2-Nitroaniline	9.339	65	710162	59.094	ng	97
49) Acenaphthylene	9.663	152	3010043	45.431	ng	99
50) Dimethylphthalate	9.534	163	2322444	47.439	ng	100
51) 2,6-Dinitrotoluene	9.586	165	549737	51.216	ng	97
52) Acenaphthene	9.839	154	2094036	49.046	ng	99
53) 3-Nitroaniline	9.751	138	347162	28.422	ng	94
54) 2,4-Dinitrophenol	9.857	184	403196	96.429	ng	91
55) Dibenzofuran	10.010	168	2715697	44.832	ng	99
56) 4-Nitrophenol	9.922	139	905889	99.842	ng	96
57) 2,4-Dinitrotoluene	9.992	165	730494	55.142	ng	91
58) Fluorene	10.351	166	1994016	44.937	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.122	232	584053	50.689	ng	100
60) Diethylphthalate	10.234	149	2194077	47.961	ng	98
61) 4-Chlorophenyl-phenyle...	10.339	204	988233	43.785	ng	91
62) 4-Nitroaniline	10.375	138	588125	50.096	ng	97
63) Azobenzene	10.504	77	2524942	49.411	ng	99
65) 4,6-Dinitro-2-methylph...	10.398	198	320043	54.531	ng	93
66) n-Nitrosodiphenylamine	10.463	169	1902203	47.660	ng	99
67) 4-Bromophenyl-phenylether	10.833	248	650804	46.506	ng	98
68) Hexachlorobenzene	10.898	284	726236	50.022	ng	96
69) Atrazine	10.992	200	602749	54.030	ng	99
70) Pentachlorophenol	11.092	266	826354	88.205	ng	99
71) Phenanthrene	11.310	178	3017124	45.771	ng	99
72) Anthracene	11.363	178	3083183	45.691	ng	99
73) Carbazole	11.516	167	2787525	47.742	ng	99
74) Di-n-butylphthalate	11.851	149	3307021	52.836	ng	100
75) Fluoranthene	12.492	202	3113547	47.498	ng	99
77) Benzidine	12.610	184	683498	57.923	ng	96
78) Pyrene	12.722	202	3134732	50.608	ng	99
80) Butylbenzylphthalate	13.345	149	1259674	80.393	ng	96
81) Benzo(a)anthracene	13.910	228	2514845	48.816	ng	99
82) 3,3'-Dichlorobenzidine	13.874	252	601705	48.285	ng	98
83) Chrysene	13.945	228	2449858	47.845	ng	99
84) Bis(2-ethylhexyl)phtha...	13.910	149	1754246	89.533	ng	98
85) Di-n-octyl phthalate	14.521	149	2654660	60.429	ng	97
87) Indeno(1,2,3-cd)pyrene	16.745	276	2313877	58.860	ng	99
88) Benzo(b)fluoranthene	14.939	252	2263686	52.823	ng	100
89) Benzo(k)fluoranthene	14.969	252	2099019	49.169	ng	99
90) Benzo(a)pyrene	15.286	252	1869417	47.749	ng	98
91) Dibenzo(a,h)anthracene	16.757	278	1911371	57.063	ng	98
92) Benzo(g,h,i)perylene	17.162	276	1923192	59.967	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042023\
Data File : BF132952.D
Acq On : 20 Apr 2023 23:09
Operator : CG\JU
Sample : 02386-04MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Apr 21 02:18:35 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 20 14:15:37 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SPA-1WC-23-04MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023