Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021825\
Data File : BF141668.D
Acq On : 18 Feb 2025 18:29
Operator : RC/JU
Sample : Q1374-01MS 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-02142025MS

Quant Time: Feb 19 01:02:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 16:58:59 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.781	152	70858	20.000	ng		-0.01
21) Naphthalene-d8	8.063	136	269095	20.000	ng		-0.01
39) Acenaphthene-d10	9.816	164	116001	20.000	ng		-0.02
64) Phenanthrene-d10	11.298	188	161875	20.000	ng		-0.02
76) Chrysene-d12	13.939	240	155025	20.000	ng		-0.02
86) Perylene-d12	15.380	264	112862	20.000	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.398	112	105009	23.233	ng		-0.01
7) Phenol-d6	6.422	99	132166	23.136	ng		-0.02
23) Nitrobenzene-d5	7.339	82	81194	15.738	ng		-0.02
42) 2,4,6-Tribromophenol	10.604	330	19844	17.029	ng		-0.02
45) 2-Fluorobiphenyl	9.133	172	141566	18.802	ng		-0.02
79) Terphenyl-d14	12.880	244	113627	12.374	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.463	88	15022	8.258	ng		98
3) Pyridine	3.210	79	32049	7.404	ng		95
4) n-Nitrosodimethylamine	3.140	42	20853	7.275	ng	#	95
6) Aniline	6.445	93	24920	4.650	ng		90
8) 2-Chlorophenol	6.569	128	42935	8.791	ng		99
9) Benzaldehyde	6.334	77	20096	6.620	ng	#	86
10) Phenol	6.434	94	51857	8.722	ng		85
11) bis(2-Chloroethyl)ether	6.510	93	38924	8.716	ng		99
12) 1,3-Dichlorobenzene	6.722	146	46412	9.002	ng		95
13) 1,4-Dichlorobenzene	6.798	146	46798	8.884	ng		98
14) 1,2-Dichlorobenzene	6.951	146	44009	9.001	ng		99
15) Benzyl Alcohol	6.928	79	30313	6.920	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.057	45	65919	8.623	ng		76
17) 2-Methylphenol	7.045	107	33331	8.721	ng	#	92
18) Hexachloroethane	7.292	117	22643	11.614	ng		99
19) n-Nitroso-di-n-propyla...	7.187	70	30001	8.780	ng		97
20) 3+4-Methylphenols	7.204	107	43028	8.859	ng	#	67
22) Acetophenone	7.187	105	82921	12.388	ng	#	89
24) Nitrobenzene	7.363	77	45030	8.951	ng		99
25) Isophorone	7.598	82	80080	9.735	ng	#	94
26) 2-Nitrophenol	7.681	139	21623	8.639	ng		94
27) 2,4-Dimethylphenol	7.722	122	32451	11.098	ng		98
28) bis(2-Chloroethoxy)met...	7.810	93	47634	9.037	ng		93
29) 2,4-Dichlorophenol	7.939	162	34876	8.828	ng		97
30) 1,2,4-Trichlorobenzene	8.004	180	37380	8.689	ng		99
31) Naphthalene	8.086	128	133758	9.549	ng		98
32) Benzoic acid	7.822	122	6813	2.243	ng	#	1
33) 4-Chloroaniline	8.145	127	14056	2.874	ng	#	89
34) Hexachlorobutadiene	8.198	225	23741	9.192	ng		96
35) Caprolactam	8.475	113	14066m	11.694	ng		
36) 4-Chloro-3-methylphenol	8.628	107	33502	7.655	ng		98
37) 2-Methylnaphthalene	8.775	142	82366	9.036	ng		97
38) 1-Methylnaphthalene	8.875	142	77871	8.821	ng		98
40) 1,2,4,5-Tetrachloroben...	8.939	216	37974	11.315	ng		100
41) Hexachlorocyclopentadiene	8.928	237	1446	1.295	ng		96
43) 2,4,6-Trichlorophenol	9.057	196	20172	9.300	ng		97

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021825\
Data File : BF141668.D
Acq On : 18 Feb 2025 18:29
Operator : RC/JU
Sample : Q1374-01MS 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-02142025MS

Quant Time: Feb 19 01:02:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 16:58:59 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	18306	7.787	ng	#	81
46) 1,1'-Biphenyl	9.239	154	106130	11.801	ng		99
47) 2-Chloronaphthalene	9.263	162	66326	9.973	ng		99
48) 2-Nitroaniline	9.363	65	19221	8.612	ng		94
49) Acenaphthylene	9.675	152	95511	9.656	ng		98
50) Dimethylphthalate	9.533	163	76606	9.728	ng		99
51) 2,6-Dinitrotoluene	9.598	165	14573	8.465	ng		93
52) Acenaphthene	9.845	154	58139	8.743	ng		97
53) 3-Nitroaniline	9.775	138	9723	5.247	ng	#	98
54) 2,4-Dinitrophenol	9.904	184	1832	1.791	ng	#	48
55) Dibenzofuran	10.022	168	81552	8.355	ng		98
56) 4-Nitrophenol	9.975	139	11608	8.439	ng	#	90
57) 2,4-Dinitrotoluene	10.010	165	17389	7.588	ng	#	94
58) Fluorene	10.363	166	62958	8.342	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.145	232	12632	6.242	ng	#	77
60) Diethylphthalate	10.233	149	67329	8.690	ng		99
61) 4-Chlorophenyl-phenyle...	10.357	204	31269	8.612	ng		99
62) 4-Nitroaniline	10.380	138	12782	6.794	ng		92
63) Azobenzene	10.516	77	60375	7.838	ng		91
65) 4,6-Dinitro-2-methylph...	10.422	198	3083	2.742	ng	#	12
66) n-Nitrosodiphenylamine	10.469	169	56767	10.955	ng		95
67) 4-Bromophenyl-phenylether	10.845	248	16238	8.975	ng		94
68) Hexachlorobenzene	10.910	284	15698	8.426	ng		94
69) Atrazine	10.998	200	17989	11.572	ng		98
70) Pentachlorophenol	11.116	266	10904m	9.154	ng		
71) Phenanthrene	11.322	178	89855	10.084	ng		100
72) Anthracene	11.375	178	83183	9.287	ng		99
73) Carbazole	11.533	167	70516	8.749	ng		98
74) Di-n-butylphthalate	11.863	149	80347	8.634	ng		99
75) Fluoranthene	12.510	202	103594	10.966	ng		99
77) Benzidine	12.645	184	30044	8.787	ng		97
78) Pyrene	12.739	202	111658	8.461	ng		99
80) Butylbenzylphthalate	13.357	149	37087	8.114	ng		97
81) Benzo(a)anthracene	13.927	228	100134	9.717	ng		100
82) 3,3'-Dichlorobenzidine	13.892	252	23072	7.816	ng		97
83) Chrysene	13.963	228	91168	9.581	ng		100
84) Bis(2-ethylhexyl)phtha...	13.916	149	50904	9.874	ng		97
85) Di-n-octyl phthalate	14.527	149	81490	11.080	ng		97
87) Indeno(1,2,3-cd)pyrene	16.809	276	54948	7.879	ng		94
88) Benzo(b)fluoranthene	14.963	252	80009	10.558	ng		98
89) Benzo(k)fluoranthene	14.992	252	58851	9.095	ng		99
90) Benzo(a)pyrene	15.321	252	59791	9.751	ng		99
91) Dibenzo(a,h)anthracene	16.821	278	44714	7.913	ng		98
92) Benzo(g,h,i)perylene	17.239	276	43488	7.354	ng		100

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021825\
Data File : BF141668.D
Acq On : 18 Feb 2025 18:29
Operator : RC/JU
Sample : Q1374-01MS 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-02142025MS

Quant Time: Feb 19 01:02:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 16:58:59 2025
Response via : Initial Calibration