Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011023\
Data File : BF131999.D
Acq On : 10 Jan 2023 16:45
Operator : CG\JU
Sample : PB150165BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 11 00:36:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 10 00:32:25 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB150165BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/11/2023
Supervised By :Jagrut Upadhyay 01/11/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.781	152	86925	20.000	ng		0.00
21) Naphthalene-d8	8.075	136	314061	20.000	ng		0.00
39) Acenaphthene-d10	9.839	164	188798	20.000	ng		0.00
64) Phenanthrene-d10	11.328	188	344065	20.000	ng		0.00
76) Chrysene-d12	13.980	240	196358	20.000	ng	#	0.00
86) Perylene-d12	15.445	264	157389	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.410	112	482547	91.473	ng		0.02
7) Phenol-d6	6.434	99	604228	86.388	ng		0.00
23) Nitrobenzene-d5	7.363	82	645262	85.272	ng		0.00
42) 2,4,6-Tribromophenol	10.633	330	170601	78.590	ng		0.00
45) 2-Fluorobiphenyl	9.157	172	1128906	80.720	ng		0.00
79) Terphenyl-d14	12.922	244	1234266	90.093	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.569	88	84615	36.726	ng		99
3) Pyridine	3.293	79	235040	36.349	ng		97
4) n-Nitrosodimethylamine	3.269	42	134220	44.166	ng		96
6) Aniline	6.451	93	283792	30.838	ng	#	76
8) 2-Chlorophenol	6.575	128	238008	44.969	ng		95
9) Benzaldehyde	6.334	77	116290	24.987	ng		98
10) Phenol	6.445	94	331009	42.423	ng		94
11) bis(2-Chloroethyl)ether	6.522	93	250881	42.654	ng		95
12) 1,3-Dichlorobenzene	6.722	146	257889	43.746	ng		98
13) 1,4-Dichlorobenzene	6.804	146	263969	44.254	ng		97
14) 1,2-Dichlorobenzene	6.951	146	254309	44.891	ng		98
15) Benzyl Alcohol	6.940	79	263831	43.316	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.063	45	310102	41.777	ng		64
17) 2-Methylphenol	7.057	107	212627	40.595	ng		93
18) Hexachloroethane	7.292	117	108448	43.964	ng		99
19) n-Nitroso-di-n-propyla...	7.210	70	201968	39.918	ng		99
20) 3+4-Methylphenols	7.210	107	271666	40.400	ng	#	86
22) Acetophenone	7.204	105	394795	43.175	ng		98
24) Nitrobenzene	7.381	77	314680	40.848	ng		99
25) Isophorone	7.622	82	564184	39.910	ng		100
26) 2-Nitrophenol	7.692	139	130007	42.890	ng		95
27) 2,4-Dimethylphenol	7.740	122	211480	41.798	ng		98
28) bis(2-Chloroethoxy)met...	7.828	93	311966	39.873	ng		98
29) 2,4-Dichlorophenol	7.939	162	214861	41.460	ng		96
30) 1,2,4-Trichlorobenzene	8.016	180	249563	42.048	ng		99
31) Naphthalene	8.098	128	686563	41.366	ng		100
32) Benzoic acid	7.892	122	120173	40.969	ng		95
33) 4-Chloroaniline	8.151	127	172481	25.183	ng		98
34) Hexachlorobutadiene	8.210	225	172666	41.960	ng		98
35) Caprolactam	8.545	113	63899m	41.982	ng		
36) 4-Chloro-3-methylphenol	8.651	107	250063	41.112	ng		95
37) 2-Methylnaphthalene	8.792	142	467727	39.238	ng		98
38) 1-Methylnaphthalene	8.892	142	437903	39.651	ng		98
40) 1,2,4,5-Tetrachloroben...	8.957	216	265083	39.845	ng		99
41) Hexachlorocyclopentadiene	8.939	237	231128	70.953	ng		97
43) 2,4,6-Trichlorophenol	9.075	196	164673	41.122	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.128	196	174343	37.397	ng		95
46)	1,1'-Biphenyl	9.257	154	589626	40.463	ng		99
47)	2-Chloronaphthalene	9.286	162	470795	41.626	ng		98
48)	2-Nitroaniline	9.392	65	167949	40.884	ng		96
49)	Acenaphthylene	9.704	152	696461	39.682	ng		100
50)	Dimethylphthalate	9.569	163	560006	38.053	ng		99
51)	2,6-Dinitrotoluene	9.634	165	122971	39.729	ng		88
52)	Acenaphthene	9.875	154	416914	39.573	ng		98
53)	3-Nitroaniline	9.804	138	87559	29.158	ng		95
54)	2,4-Dinitrophenol	9.922	184	124345	80.011	ng		90
55)	Dibenzofuran	10.045	168	644829	38.830	ng		98
56)	4-Nitrophenol	9.986	139	141896	83.890	ng		100
57)	2,4-Dinitrotoluene	10.039	165	165732	40.049	ng		94
58)	Fluorene	10.392	166	517547	39.013	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.169	232	139571	40.179	ng		91
60)	Diethylphthalate	10.269	149	536415	37.068	ng		100
61)	4-Chlorophenyl-phenyle...	10.381	204	280647	36.955	ng		96
62)	4-Nitroaniline	10.428	138	102623	38.006	ng		93
63)	Azobenzene	10.545	77	578814	37.706	ng		96
65)	4,6-Dinitro-2-methylph...	10.451	198	89697	40.426	ng		87
66)	n-Nitrosodiphenylamine	10.504	169	441923	40.940	ng		99
67)	4-Bromophenyl-phenylether	10.875	248	168580	39.167	ng		91
68)	Hexachlorobenzene	10.933	284	186070	42.735	ng	#	91
69)	Atrazine	11.039	200	170741	43.496	ng		98
70)	Pentachlorophenol	11.139	266	156867	68.238	ng		98
71)	Phenanthrene	11.357	178	744034	41.482	ng		100
72)	Anthracene	11.410	178	735904	39.855	ng		99
73)	Carbazole	11.569	167	639108	41.808	ng		100
74)	Di-n-butylphthalate	11.892	149	797153	37.450	ng		100
75)	Fluoranthene	12.551	202	792197	39.272	ng		99
77)	Benzidine	12.675	184	151968	23.296	ng		98
78)	Pyrene	12.780	202	787905	43.995	ng		100
80)	Butylbenzylphthalate	13.398	149	273646	37.855	ng		97
81)	Benzo(a)anthracene	13.969	228	570099	39.907	ng		100
82)	3,3'-Dichlorobenzidine	13.933	252	148803	33.375	ng		98
83)	Chrysene	14.010	228	528347	39.574	ng		99
84)	Bis(2-ethylhexyl)phtha...	13.951	149	330842	33.782	ng		98
85)	Di-n-octyl phthalate	14.568	149	469375	35.024	ng		100
87)	Indeno(1,2,3-cd)pyrene	16.915	276	501203	51.924	ng		99
88)	Benzo(b)fluoranthene	15.021	252	472353	43.757	ng		99
89)	Benzo(k)fluoranthene	15.051	252	457367	42.453	ng		99
90)	Benzo(a)pyrene	15.386	252	408284	41.978	ng		99
91)	Dibenzo(a,h)anthracene	16.933	278	425909	52.636	ng		98
92)	Benzo(g,h,i)perylene	17.362	276	429256	49.430	ng		99

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

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