Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101023\
Data File : BF135691.D
Acq On : 10 Oct 2023 18:35
Operator : CG\JU
Sample : 04656-06MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-106SMS

Quant Time: Oct 11 03:01:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 11 02:43:17 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.739	152	78663	20.000	ng		0.00
21) Naphthalene-d8	8.016	136	289097	20.000	ng		0.00
39) Acenaphthene-d10	9.775	164	140609	20.000	ng		0.00
64) Phenanthrene-d10	11.274	188	253784	20.000	ng		0.00
76) Chrysene-d12	13.933	240	127756	20.000	ng		0.00
86) Perylene-d12	15.404	264	140981	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.375	112	334221	69.104	ng		0.00
7) Phenol-d6	6.392	99	242570	39.443	ng		0.00
23) Nitrobenzene-d5	7.310	82	591999	111.253	ng		0.00
42) 2,4,6-Tribromophenol	10.575	330	218660	156.486	ng		0.00
45) 2-Fluorobiphenyl	9.098	172	1022731	109.738	ng		0.00
79) Terphenyl-d14	12.868	244	899681	109.167	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.469	88	54703	25.801	ng		96
3) Pyridine	3.240	79	103074	18.063	ng		97
4) n-Nitrosodimethylamine	3.181	42	74746	24.684	ng	#	97
6) Aniline	6.410	93	258714	32.080	ng	#	90
8) 2-Chlorophenol	6.534	128	239624	46.412	ng		94
9) Benzaldehyde	6.298	77	186184	53.143	ng		99
10) Phenol	6.404	94	106286	15.761	ng	#	1
11) bis(2-Chloroethyl)ether	6.481	93	282591	55.865	ng		99
12) 1,3-Dichlorobenzene	6.681	146	267985	51.073	ng		97
13) 1,4-Dichlorobenzene	6.757	146	279706	52.395	ng		98
14) 1,2-Dichlorobenzene	6.904	146	264017	53.256	ng		99
15) Benzyl Alcohol	6.892	79	146119	33.110	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.016	45	527658	55.341	ng		68
17) 2-Methylphenol	7.010	107	150216	32.970	ng	#	81
18) Hexachloroethane	7.239	117	97891	49.628	ng		89
19) n-Nitroso-di-n-propyla...	7.157	70	205788	54.024	ng		94
20) 3+4-Methylphenols	7.163	107	163551	29.853	ng	#	84
22) Acetophenone	7.151	105	411462	62.253	ng	#	90
24) Nitrobenzene	7.328	77	314789	59.852	ng		100
25) Isophorone	7.563	82	572082	58.548	ng		99
26) 2-Nitrophenol	7.645	139	153597	60.848	ng		95
27) 2,4-Dimethylphenol	7.686	122	187566	44.206	ng		97
28) bis(2-Chloroethoxy)met...	7.775	93	350776	59.979	ng		99
29) 2,4-Dichlorophenol	7.892	162	222601	56.618	ng		98
30) 1,2,4-Trichlorobenzene	7.963	180	237997	57.915	ng		99
31) Naphthalene	8.039	128	807312	57.475	ng		99
32) Benzoic acid	7.798	122	38228	11.965	ng		97
33) 4-Chloroaniline	8.098	127	261018	42.354	ng		99
34) Hexachlorobutadiene	8.151	225	137924	55.662	ng		100
35) Caprolactam	8.475	113	11884	9.006	ng	#	83
36) 4-Chloro-3-methylphenol	8.592	107	213780	48.924	ng		95
37) 2-Methylnaphthalene	8.733	142	511642	54.188	ng		99
38) 1-Methylnaphthalene	8.833	142	491366	55.585	ng		98
40) 1,2,4,5-Tetrachloroben...	8.898	216	255717	62.775	ng		99
41) Hexachlorocyclopentadiene	8.881	237	113655	64.860	ng		97
43) 2,4,6-Trichlorophenol	9.022	196	155090	58.149	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.069	196	162534	52.917	ng		97
46) 1,1'-Biphenyl	9.198	154	662920	61.350	ng		99
47) 2-Chloronaphthalene	9.228	162	484728	61.827	ng		99
48) 2-Nitroaniline	9.333	65	182780	60.010	ng		95
49) Acenaphthylene	9.639	152	787883	60.468	ng		99
50) Dimethylphthalate	9.504	163	553937	58.269	ng		99
51) 2,6-Dinitrotoluene	9.580	165	122369	58.758	ng	#	83
52) Acenaphthene	9.810	154	460162	59.783	ng		98
53) 3-Nitroaniline	9.751	138	109243	44.687	ng		98
54) 2,4-Dinitrophenol	9.875	184	111811	93.435	ng		98
55) Dibenzofuran	9.986	168	677224	57.657	ng		98
56) 4-Nitrophenol	9.951	139	21248	13.676	ng		98
57) 2,4-Dinitrotoluene	9.992	165	150848	57.858	ng		95
58) Fluorene	10.333	166	541405	59.958	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.110	232	126766	53.652	ng		98
60) Diethylphthalate	10.204	149	559687	58.663	ng		98
61) 4-Chlorophenyl-phenyle...	10.322	204	253218	58.378	ng		97
62) 4-Nitroaniline	10.369	138	119606	50.899	ng		99
63) Azobenzene	10.480	77	547285	58.612	ng		95
65) 4,6-Dinitro-2-methylph...	10.404	198	76699	56.901	ng		92
66) n-Nitrosodiphenylamine	10.445	169	475835	61.932	ng		98
67) 4-Bromophenyl-phenylether	10.810	248	155992	61.802	ng		93
68) Hexachlorobenzene	10.880	284	166961	64.929	ng		94
69) Atrazine	10.980	200	145052	70.164	ng		99
70) Pentachlorophenol	11.086	266	129551	84.206	ng		96
71) Phenanthrene	11.298	178	748878	62.391	ng		99
72) Anthracene	11.351	178	765542	62.049	ng		99
73) Carbazole	11.516	167	692577	61.665	ng		100
74) Di-n-butylphthalate	11.839	149	807078	60.984	ng		100
75) Fluoranthene	12.492	202	749124	59.897	ng		100
77) Benzidine	12.627	184	229950	87.857	ng		98
78) Pyrene	12.727	202	751505	61.784	ng		99
80) Butylbenzylphthalate	13.345	149	275028	64.221	ng		98
81) Benzo(a)anthracene	13.927	228	519069	62.921	ng		99
82) 3,3'-Dichlorobenzidine	13.886	252	155425	60.318	ng	#	98
83) Chrysene	13.963	228	482720	58.854	ng		99
84) Bis(2-ethylhexyl)phtha...	13.904	149	336891	76.660	ng	#	99
85) Di-n-octyl phthalate	14.521	149	502709	71.981	ng		99
87) Indeno(1,2,3-cd)pyrene	16.904	276	593212	64.175	ng		99
88) Benzo(b)fluoranthene	14.980	252	457740	59.978	ng		99
89) Benzo(k)fluoranthene	15.004	252	412656	54.737	ng		99
90) Benzo(a)pyrene	15.345	252	414346	56.932	ng		99
91) Dibenzo(a,h)anthracene	16.904	278	482552	63.802	ng		99
92) Benzo(g,h,i)perylene	17.351	276	494711	62.631	ng		98

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

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