Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122322\
Data File : BF131811.D
Acq On : 23 Dec 2022 17:47
Operator : CG\JU
Sample : N6051-02MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-591MS

Quant Time: Dec 24 03:07:46 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 24 00:05:44 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.845	152	73727	20.000	ng		0.00
21) Naphthalene-d8	8.139	136	269723	20.000	ng		0.00
39) Acenaphthene-d10	9.910	164	154574	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	293556	20.000	ng		0.00
76) Chrysene-d12	14.063	240	167705	20.000	ng	#	0.00
86) Perylene-d12	15.557	264	159654	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.457	112	211289	48.257	ng		0.00
7) Phenol-d6	6.475	99	187533	31.822	ng		-0.01
23) Nitrobenzene-d5	7.422	82	542154	81.600	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	177904	105.152	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	918690	83.256	ng		0.00
79) Terphenyl-d14	12.992	244	485557	45.124	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.581	88	29512	14.424	ng	#	94
3) Pyridine	3.351	79	28899	4.953	ng		97
4) n-Nitrosodimethylamine	3.275	42	40626	15.391	ng	#	95
6) Aniline	6.510	93	38237	5.256	ng		93
8) 2-Chlorophenol	6.634	128	122026	25.948	ng		96
9) Benzaldehyde	6.398	77	172191	51.308	ng		97
10) Phenol	6.492	94	71522	10.165	ng		96
11) bis(2-Chloroethyl)ether	6.581	93	205896	40.893	ng		98
12) 1,3-Dichlorobenzene	6.787	146	221402	41.649	ng		98
13) 1,4-Dichlorobenzene	6.863	146	223723	41.172	ng		98
14) 1,2-Dichlorobenzene	7.016	146	213782	42.020	ng		97
15) Benzyl Alcohol	6.992	79	99742	18.949	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.122	45	287110	44.720	ng		93
17) 2-Methylphenol	7.110	107	90474	20.379	ng		94
18) Hexachloroethane	7.363	117	87957	40.834	ng		94
19) n-Nitroso-di-n-propyla...	7.263	70	181167	42.625	ng		97
20) 3+4-Methylphenols	7.263	107	75088	13.142	ng	#	1
22) Acetophenone	7.263	105	334176	42.455	ng		97
24) Nitrobenzene	7.439	77	279217	41.338	ng		99
25) Isophorone	7.675	82	484662	42.954	ng		98
26) 2-Nitrophenol	7.757	139	87021	32.966	ng		96
27) 2,4-Dimethylphenol	7.798	122	125420	33.359	ng		98
28) bis(2-Chloroethoxy)met...	7.886	93	267562	44.655	ng		99
29) 2,4-Dichlorophenol	8.004	162	136910	30.164	ng		97
30) 1,2,4-Trichlorobenzene	8.081	180	215526	40.392	ng		99
31) Naphthalene	8.163	128	606514	41.174	ng		99
32) Benzoic acid	7.910	122	22381	7.437	ng		95
33) 4-Chloroaniline	8.210	127	52170	9.081	ng		99
34) Hexachlorobutadiene	8.275	225	135877	37.849	ng		99
35) Caprolactam	8.581	113	8041	5.875	ng	#	86
36) 4-Chloro-3-methylphenol	8.698	107	140522	27.102	ng		97
37) 2-Methylnaphthalene	8.857	142	410100	40.814	ng		99
38) 1-Methylnaphthalene	8.957	142	381397	39.191	ng		99
40) 1,2,4,5-Tetrachloroben...	9.022	216	224511	42.453	ng		99
41) Hexachlorocyclopentadiene	9.010	237	208759	87.130	ng		98
43) 2,4,6-Trichlorophenol	9.139	196	115687	33.488	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	123403	32.997	ng		96
46) 1,1'-Biphenyl	9.328	154	515105	44.303	ng		99
47) 2-Chloronaphthalene	9.351	162	411054	43.175	ng		98
48) 2-Nitroaniline	9.451	65	135230	39.408	ng		92
49) Acenaphthylene	9.769	152	615506	43.103	ng		99
50) Dimethylphthalate	9.633	163	582514	50.083	ng		100
51) 2,6-Dinitrotoluene	9.698	165	108731	43.476	ng		99
52) Acenaphthene	9.945	154	376052	42.988	ng		99
53) 3-Nitroaniline	9.863	138	46625	18.220	ng		98
54) 2,4-Dinitrophenol	9.975	184	86516	57.734	ng		89
55) Dibenzofuran	10.116	168	572786	42.700	ng		100
56) 4-Nitrophenol	10.033	139	40821	22.288	ng		90
57) 2,4-Dinitrotoluene	10.104	165	144859	43.105	ng		99
58) Fluorene	10.463	166	454673	41.923	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.233	232	106100	33.983	ng	#	87
60) Diethylphthalate	10.333	149	486238	43.387	ng		99
61) 4-Chlorophenyl-phenyle...	10.451	204	246030	42.682	ng		99
62) 4-Nitroaniline	10.486	138	73468	28.527	ng		97
63) Azobenzene	10.616	77	523444	42.532	ng		99
65) 4,6-Dinitro-2-methylph...	10.510	198	64642	32.073	ng		98
66) n-Nitrosodiphenylamine	10.575	169	390861	42.935	ng		99
67) 4-Bromophenyl-phenylether	10.945	248	145094	41.849	ng		98
68) Hexachlorobenzene	11.010	284	146869	38.516	ng	#	91
69) Atrazine	11.104	200	128175	42.238	ng		98
70) Pentachlorophenol	11.210	266	136099	67.248	ng		97
71) Phenanthrene	11.427	178	644310	40.251	ng		98
72) Anthracene	11.480	178	646057	41.220	ng		99
73) Carbazole	11.639	167	576468	42.512	ng		99
74) Di-n-butylphthalate	11.969	149	717805	42.512	ng		99
75) Fluoranthene	12.621	202	657712	36.893	ng		99
77) Benzidine	12.751	184	9075	2.951	ng	#	95
78) Pyrene	12.857	202	653416	42.854	ng		99
80) Butylbenzylphthalate	13.474	149	247144	45.957	ng		96
81) Benzo(a)anthracene	14.051	228	454391	37.621	ng		100
82) 3,3'-Dichlorobenzidine	14.015	252	117079	34.719	ng	#	98
83) Chrysene	14.086	228	419784	36.823	ng		100
84) Bis(2-ethylhexyl)phtha...	14.033	149	303792	47.374	ng	#	98
85) Di-n-octyl phthalate	14.657	149	439212	49.066	ng		100
87) Indeno(1,2,3-cd)pyrene	17.074	276	476393	44.424	ng		100
88) Benzo(b)fluoranthene	15.115	252	398641	35.293	ng		98
89) Benzo(k)fluoranthene	15.151	252	374669	33.993	ng		99
90) Benzo(a)pyrene	15.492	252	333365	37.260	ng		99
91) Dibenzo(a,h)anthracene	17.092	278	401110	45.261	ng		98
92) Benzo(g,h,i)perylene	17.539	276	390161	44.543	ng		98

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

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