Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100523\
Data File : BF135598.D
Acq On : 05 Oct 2023 14:21
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Oct 06 03:29:30 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 04 17:06:20 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.740	152	150069	20.000	ng		0.00
21) Naphthalene-d8	8.022	136	562556	20.000	ng		0.00
39) Acenaphthene-d10	9.775	164	286054	20.000	ng		0.00
64) Phenanthrene-d10	11.269	188	566966	20.000	ng	#	0.00
76) Chrysene-d12	13.934	240	312822	20.000	ng		0.00
86) Perylene-d12	15.392	264	273539	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.369	112	711733	77.138	ng		0.00
7) Phenol-d6	6.393	99	873291	74.434	ng		0.00
23) Nitrobenzene-d5	7.310	82	828907	80.053	ng		0.00
42) 2,4,6-Tribromophenol	10.575	330	204743	72.025	ng		0.00
45) 2-Fluorobiphenyl	9.099	172	1391615	73.397	ng		0.00
79) Terphenyl-d14	12.869	244	1463497	72.524	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.434	88	168934	41.765	ng		94
3) Pyridine	3.181	79	452163	41.535	ng		97
4) n-Nitrosodimethylamine	3.152	42	239209	41.408	ng		97
6) Aniline	6.410	93	553416	35.971	ng	#	66
8) 2-Chlorophenol	6.528	128	372344	37.803	ng		98
9) Benzaldehyde	6.299	77	240206	35.939	ng		98
10) Phenol	6.405	94	467553	36.343	ng	#	74
11) bis(2-Chloroethyl)ether	6.481	93	380197	39.398	ng		97
12) 1,3-Dichlorobenzene	6.681	146	375521	37.514	ng		99
13) 1,4-Dichlorobenzene	6.757	146	382669	37.574	ng		99
14) 1,2-Dichlorobenzene	6.910	146	350587	37.069	ng		98
15) Benzyl Alcohol	6.893	79	287773	34.181	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.016	45	682241	37.507	ng		71
17) 2-Methylphenol	7.010	107	322960	37.156	ng	#	94
18) Hexachloroethane	7.246	117	144455	38.388	ng		94
19) n-Nitroso-di-n-propyla...	7.157	70	259067	35.650	ng		95
20) 3+4-Methylphenols	7.163	107	391749	37.482	ng	#	76
22) Acetophenone	7.152	105	504354	39.214	ng		92
24) Nitrobenzene	7.328	77	416978	40.743	ng		99
25) Isophorone	7.563	82	778501	40.944	ng		98
26) 2-Nitrophenol	7.640	139	207289	42.201	ng		95
27) 2,4-Dimethylphenol	7.687	122	333760	40.424	ng		98
28) bis(2-Chloroethoxy)met...	7.775	93	468650	41.181	ng		100
29) 2,4-Dichlorophenol	7.887	162	306943	40.120	ng		98
30) 1,2,4-Trichlorobenzene	7.963	180	311377	38.939	ng		100
31) Naphthalene	8.040	128	1084052	39.661	ng		100
32) Benzoic acid	7.834	122	231801	37.284	ng		99
33) 4-Chloroaniline	8.099	127	475621	39.661	ng		99
34) Hexachlorobutadiene	8.152	225	178245	36.967	ng		100
35) Caprolactam	8.481	113	112418	43.783	ng		96
36) 4-Chloro-3-methylphenol	8.593	107	339582	39.937	ng		98
37) 2-Methylnaphthalene	8.734	142	718147	39.087	ng		99
38) 1-Methylnaphthalene	8.834	142	668452	38.860	ng		100
40) 1,2,4,5-Tetrachloroben...	8.899	216	325821	39.316	ng		98
41) Hexachlorocyclopentadiene	8.881	237	179723	52.059	ng		100
43) 2,4,6-Trichlorophenol	9.022	196	211766	39.028	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.069	196	241405	38.633	ng		99
46) 1,1'-Biphenyl	9.198	154	865592	39.376	ng		98
47) 2-Chloronaphthalene	9.228	162	636493	39.906	ng		98
48) 2-Nitroaniline	9.334	65	264733	42.723	ng		99
49) Acenaphthylene	9.640	152	999747	37.716	ng		100
50) Dimethylphthalate	9.504	163	767699	39.695	ng		99
51) 2,6-Dinitrotoluene	9.575	165	172869	40.802	ng		99
52) Acenaphthene	9.810	154	614591	39.248	ng		98
53) 3-Nitroaniline	9.751	138	211418	42.511	ng		91
54) 2,4-Dinitrophenol	9.869	184	137233	58.849	ng		94
55) Dibenzofuran	9.987	168	883781	36.985	ng		98
56) 4-Nitrophenol	9.934	139	155870	49.314	ng		92
57) 2,4-Dinitrotoluene	9.987	165	200717	37.842	ng	#	79
58) Fluorene	10.328	166	712888	38.807	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.110	232	179235	37.288	ng		99
60) Diethylphthalate	10.204	149	778613	40.115	ng		99
61) 4-Chlorophenyl-phenyle...	10.322	204	335357	38.004	ng		96
62) 4-Nitroaniline	10.369	138	195349	40.863	ng		97
63) Azobenzene	10.481	77	802159	42.228	ng		96
65) 4,6-Dinitro-2-methylph...	10.404	198	122870	40.802	ng		83
66) n-Nitrosodiphenylamine	10.445	169	663636	38.663	ng		99
67) 4-Bromophenyl-phenylether	10.810	248	214189	37.984	ng		93
68) Hexachlorobenzene	10.881	284	215231	37.466	ng		96
69) Atrazine	10.975	200	175269	37.949	ng		98
70) Pentachlorophenol	11.081	266	131829	38.355	ng		98
71) Phenanthrene	11.298	178	1042917	38.893	ng		99
72) Anthracene	11.351	178	1067984	38.747	ng		99
73) Carbazole	11.510	167	1034618	41.234	ng		99
74) Di-n-butylphthalate	11.840	149	1241312	41.984	ng		100
75) Fluoranthene	12.492	202	1156784	41.401	ng		100
77) Benzidine	12.622	184	220655	34.430	ng		99
78) Pyrene	12.722	202	1171069	39.320	ng		100
80) Butylbenzylphthalate	13.345	149	500845	47.763	ng		99
81) Benzo(a)anthracene	13.922	228	816866	40.439	ng		99
82) 3,3'-Dichlorobenzidine	13.881	252	266283	42.204	ng	#	98
83) Chrysene	13.957	228	793581	39.515	ng		100
84) Bis(2-ethylhexyl)phtha...	13.904	149	616935	57.333	ng		99
85) Di-n-octyl phthalate	14.522	149	822525	48.099	ng		99
87) Indeno(1,2,3-cd)pyrene	16.886	276	753393	42.007	ng		97
88) Benzo(b)fluoranthene	14.969	252	560783	37.871	ng	#	98
89) Benzo(k)fluoranthene	14.998	252	577540	39.484	ng	#	97
90) Benzo(a)pyrene	15.333	252	554570	39.273	ng		99
91) Dibenzo(a,h)anthracene	16.892	278	613985	41.840	ng		97
92) Benzo(g,h,i)perylene	17.327	276	615349	40.151	ng		97

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

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