Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041223\
Data File : BF132869.D
Acq On : 12 Apr 2023 19:56
Operator : CG\JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Quant Time: Apr 13 05:21:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 13 05:14:42 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.775	152	233652	20.000	ng		0.00
21) Naphthalene-d8	8.057	136	856842	20.000	ng		0.00
39) Acenaphthene-d10	9.810	164	421421	20.000	ng		0.00
64) Phenanthrene-d10	11.292	188	745556	20.000	ng		0.00
76) Chrysene-d12	13.927	240	432628	20.000	ng		0.00
86) Perylene-d12	15.351	264	399378	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.375	112	2119950	139.141	ng		0.00
7) Phenol-d6	6.410	99	2712717	139.570	ng		0.01
23) Nitrobenzene-d5	7.345	82	2429950	149.554	ng		0.00
42) 2,4,6-Tribromophenol	10.604	330	667401	167.035	ng		0.01
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng		
79) Terphenyl-d14	12.880	244	3988080	160.791	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.469	88	551979	72.882	ng		100
3) Pyridine	3.187	79	1563591	75.563	ng		98
4) n-Nitrosodimethylamine	3.157	42	736194	75.570	ng		98
6) Aniline	6.445	93	1839355	73.371	ng		100
8) 2-Chlorophenol	6.563	128	1050744	69.076	ng		92
10) Phenol	6.428	94	1528013	69.514	ng		87
11) bis(2-Chloroethyl)ether	6.516	93	1107438	69.126	ng		98
12) 1,3-Dichlorobenzene	6.716	146	1143936	69.177	ng		99
13) 1,4-Dichlorobenzene	6.792	146	1127156	67.782	ng		98
14) 1,2-Dichlorobenzene	6.951	146	1018005	65.581	ng		99
15) Benzyl Alcohol	6.922	79	939635	73.942	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.057	45	1829500	69.049	ng		98
17) 2-Methylphenol	7.028	107	989543	72.229	ng		100
18) Hexachloroethane	7.286	117	392971	69.385	ng		97
19) n-Nitroso-di-n-propyla...	7.204	70	821435	73.566	ng		100
20) 3+4-Methylphenols	7.192	107	1077858	65.363	ng		94
22) Acetophenone	7.192	105	1366874	67.788	ng	#	90
24) Nitrobenzene	7.363	77	1238580	74.818	ng		97
25) Isophorone	7.604	82	2281916	77.423	ng		99
26) 2-Nitrophenol	7.675	139	533713	91.399	ng		99
27) 2,4-Dimethylphenol	7.716	122	935258	74.881	ng		100
28) bis(2-Chloroethoxy)met...	7.816	93	1274407	72.285	ng		99
29) 2,4-Dichlorophenol	7.916	162	883569	76.299	ng		98
30) 1,2,4-Trichlorobenzene	7.998	180	900070	71.714	ng		99
31) Naphthalene	8.080	128	2979943	68.907	ng		98
32) Benzoic acid	7.863	122	547106m	77.421	ng		
33) 4-Chloroaniline	8.133	127	1304708	74.417	ng		99
34) Hexachlorobutadiene	8.204	225	498429	71.865	ng		97
35) Caprolactam	8.527	113	307156m	90.715	ng		
36) 4-Chloro-3-methylphenol	8.610	107	962231	78.601	ng		96
37) 2-Methylnaphthalene	8.775	142	2016623	69.347	ng		99
38) 1-Methylnaphthalene	8.869	142	1866437	68.734	ng		99
40) 1,2,4,5-Tetrachloroben...	8.939	216	844233	70.975	ng		99
41) Hexachlorocyclopentadiene	8.927	237	475909	83.486	ng		98
43) 2,4,6-Trichlorophenol	9.045	196	571394	78.174	ng		99
44) 2,4,5-Trichlorophenol	9.086	196	666003	76.925	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.239	154	2249042	66.107	ng		99
47) 2-Chloronaphthalene	9.263	162	1729354	69.808	ng		99
48) 2-Nitroaniline	9.351	65	631260	80.654	ng		98
49) Acenaphthylene	9.674	152	2816223	69.917	ng		100
50) Dimethylphthalate	9.545	163	2047416	73.282	ng		100
51) 2,6-Dinitrotoluene	9.598	165	491452	80.162	ng		97
52) Acenaphthene	9.845	154	1815897	70.178	ng		98
53) 3-Nitroaniline	9.769	138	594816	82.213	ng		99
54) 2,4-Dinitrophenol	9.869	184	237715	81.562	ng	#	84
55) Dibenzofuran	10.022	168	2506797	68.445	ng		99
56) 4-Nitrophenol	9.922	139	480997	84.877	ng		87
57) 2,4-Dinitrotoluene	10.004	165	643622	84.666	ng		93
58) Fluorene	10.363	166	1811667	66.289	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.133	232	520488	78.188	ng		99
60) Diethylphthalate	10.239	149	1890905	75.136	ng		100
61) 4-Chlorophenyl-phenyle...	10.351	204	892657	68.527	ng		95
62) 4-Nitroaniline	10.386	138	601102	84.905	ng		94
63) Azobenzene	10.516	77	2102456	69.875	ng		98
65) 4,6-Dinitro-2-methylph...	10.410	198	309362	80.477	ng		92
66) n-Nitrosodiphenylamine	10.474	169	1684135	70.968	ng		99
67) 4-Bromophenyl-phenylether	10.839	248	594971	74.572	ng		94
68) Hexachlorobenzene	10.904	284	627255	75.266	ng	#	93
69) Atrazine	10.998	200	492435	79.507	ng		99
70) Pentachlorophenol	11.092	266	461352	84.574	ng		100
71) Phenanthrene	11.321	178	2820319	68.484	ng		98
72) Anthracene	11.368	178	2943926	69.966	ng		99
73) Carbazole	11.521	167	2658497	71.708	ng		100
74) Di-n-butylphthalate	11.863	149	2670426	86.001	ng		100
75) Fluoranthene	12.504	202	2946001	71.406	ng		99
77) Benzidine	12.621	184	522917	78.895	ng		99
78) Pyrene	12.733	202	2983843	82.624	ng		98
80) Butylbenzylphthalate	13.357	149	575212	79.091	ng		91
81) Benzo(a)anthracene	13.915	228	2263516	75.985	ng		100
82) 3,3'-Dichlorobenzidine	13.880	252	548155	79.983	ng	#	99
83) Chrysene	13.957	228	2194939	75.565	ng		99
84) Bis(2-ethylhexyl)phtha...	13.915	149	713316	78.888	ng		99
85) Di-n-octyl phthalate	14.527	149	1111566	79.184	ng		94
87) Indeno(1,2,3-cd)pyrene	16.756	276	2245361	81.846	ng		99
88) Benzo(b)fluoranthene	14.945	252	1902338	75.183	ng		99
89) Benzo(k)fluoranthene	14.974	252	1854129	71.459	ng		98
90) Benzo(a)pyrene	15.298	252	1836601	79.518	ng		99
91) Dibenzo(a,h)anthracene	16.780	278	1827446	81.556	ng		98
92) Benzo(g,h,i)perylene	17.186	276	1908200	81.744	ng		100

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

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