Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041223\
Data File : BF132867.D
Acq On : 12 Apr 2023 18:45
Operator : CG\JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Quant Time: Apr 13 05:20:35 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	244702	20.000	ng		0.00
21) Naphthalene-d8	8.057	136	910557	20.000	ng		0.00
39) Acenaphthene-d10	9.810	164	454567	20.000	ng		0.00
64) Phenanthrene-d10	11.286	188	806535	20.000	ng		0.00
76) Chrysene-d12	13.927	240	531226	20.000	ng	#	0.00
86) Perylene-d12	15.351	264	436028	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.375	112	1466660	91.916	ng		0.00
7) Phenol-d6	6.404	99	1855788	91.169	ng		0.00
23) Nitrobenzene-d5	7.339	82	1655655	95.888	ng		0.00
42) 2,4,6-Tribromophenol	10.598	330	431346	100.084	ng		0.00
45) 2-Fluorobiphenyl	9.133	172	2598466	87.272	ng		0.00
79) Terphenyl-d14	12.874	244	2965299	97.365	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.469	88	380186	47.932	ng		99
3) Pyridine	3.187	79	1038423	47.917	ng		99
4) n-Nitrosodimethylamine	3.145	42	490020	48.029	ng		99
6) Aniline	6.439	93	1239687	47.217	ng		99
8) 2-Chlorophenol	6.557	128	735082	46.142	ng		95
9) Benzaldehyde	6.316	77	528244	50.796	ng		97
10) Phenol	6.416	94	1051565	45.678	ng		97
11) bis(2-Chloroethyl)ether	6.510	93	768712	45.816	ng		99
12) 1,3-Dichlorobenzene	6.716	146	786391	45.408	ng		98
13) 1,4-Dichlorobenzene	6.792	146	789160	45.313	ng		97
14) 1,2-Dichlorobenzene	6.945	146	732395	45.051	ng		98
15) Benzyl Alcohol	6.916	79	645009	48.465	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.057	45	1273935	45.910	ng		99
17) 2-Methylphenol	7.022	107	667496	46.522	ng		99
18) Hexachloroethane	7.286	117	274549	46.287	ng		98
19) n-Nitroso-di-n-propyla...	7.198	70	544392	46.553	ng		98
20) 3+4-Methylphenols	7.181	107	781306	45.240	ng		93
22) Acetophenone	7.186	105	954329	44.537	ng	#	92
24) Nitrobenzene	7.357	77	840371	47.769	ng		97
25) Isophorone	7.598	82	1496859	47.791	ng		99
26) 2-Nitrophenol	7.675	139	333153	53.687	ng		94
27) 2,4-Dimethylphenol	7.710	122	635954	47.914	ng		99
28) bis(2-Chloroethoxy)met...	7.810	93	885041	47.239	ng		100
29) 2,4-Dichlorophenol	7.910	162	600383	48.786	ng		97
30) 1,2,4-Trichlorobenzene	7.998	180	624862	46.850	ng		100
31) Naphthalene	8.080	128	2091998	45.521	ng		99
32) Benzoic acid	7.833	122	321949m	49.148	ng		
33) 4-Chloroaniline	8.127	127	895323	48.054	ng		98
34) Hexachlorobutadiene	8.198	225	347077	47.091	ng		98
35) Caprolactam	8.510	113	192784	53.578	ng		97
36) 4-Chloro-3-methylphenol	8.604	107	636018	48.889	ng		97
37) 2-Methylnaphthalene	8.769	142	1420340	45.961	ng		99
38) 1-Methylnaphthalene	8.869	142	1317724	45.665	ng		99
40) 1,2,4,5-Tetrachloroben...	8.933	216	589729	45.964	ng		100
41) Hexachlorocyclopentadiene	8.927	237	309111	50.272	ng		100
43) 2,4,6-Trichlorophenol	9.045	196	384996	48.832	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.080	196	444666	47.615	ng		97
46) 1,1'-Biphenyl	9.233	154	1656683	45.144	ng		100
47) 2-Chloronaphthalene	9.257	162	1208021	45.208	ng		98
48) 2-Nitroaniline	9.351	65	398848	48.552	ng		97
49) Acenaphthylene	9.674	152	1980785	45.590	ng		99
50) Dimethylphthalate	9.539	163	1414697	46.943	ng		99
51) 2,6-Dinitrotoluene	9.592	165	332331	50.255	ng		96
52) Acenaphthene	9.845	154	1269754	45.493	ng		99
53) 3-Nitroaniline	9.763	138	397234	50.900	ng		100
54) 2,4-Dinitrophenol	9.863	184	138038	47.355	ng	#	86
55) Dibenzofuran	10.016	168	1781444	45.093	ng		99
56) 4-Nitrophenol	9.910	139	311606	50.977	ng		96
57) 2,4-Dinitrotoluene	9.992	165	437170	53.315	ng		93
58) Fluorene	10.357	166	1303955	44.233	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.127	232	357868	49.839	ng		99
60) Diethylphthalate	10.233	149	1319420	48.605	ng		99
61) 4-Chlorophenyl-phenyle...	10.351	204	628665	44.742	ng		98
62) 4-Nitroaniline	10.374	138	400376	52.429	ng		95
63) Azobenzene	10.510	77	1495599	46.081	ng		99
65) 4,6-Dinitro-2-methylph...	10.404	198	192476	49.035	ng		84
66) n-Nitrosodiphenylamine	10.469	169	1196478	46.606	ng		98
67) 4-Bromophenyl-phenylether	10.839	248	414446	48.018	ng		95
68) Hexachlorobenzene	10.904	284	423490	46.974	ng		96
69) Atrazine	10.998	200	342317	51.091	ng		99
70) Pentachlorophenol	11.092	266	307799	52.159	ng		99
71) Phenanthrene	11.316	178	2008259	45.079	ng		98
72) Anthracene	11.368	178	2063759	45.340	ng		100
73) Carbazole	11.521	167	1863362	46.461	ng		99
74) Di-n-butylphthalate	11.857	149	1822133	54.245	ng		100
75) Fluoranthene	12.498	202	2112582	47.334	ng		99
77) Benzidine	12.621	184	374681	52.123	ng		99
78) Pyrene	12.727	202	2188371	49.350	ng		98
80) Butylbenzylphthalate	13.351	149	333891	49.772	ng		95
81) Benzo(a)anthracene	13.915	228	1756112	48.010	ng		99
82) 3,3'-Dichlorobenzidine	13.880	252	400296	49.200	ng		98
83) Chrysene	13.951	228	1661177	46.575	ng		99
84) Bis(2-ethylhexyl)phtha...	13.915	149	465561	49.020	ng		98
85) Di-n-octyl phthalate	14.527	149	665320	47.532	ng		99
87) Indeno(1,2,3-cd)pyrene	16.750	276	1395682	48.549	ng		99
88) Benzo(b)fluoranthene	14.945	252	1373888	49.734	ng		98
89) Benzo(k)fluoranthene	14.968	252	1286747	45.424	ng		99
90) Benzo(a)pyrene	15.292	252	1238102	49.099	ng		99
91) Dibenzo(a,h)anthracene	16.768	278	1145305	48.634	ng		98
92) Benzo(g,h,i)perylene	17.174	276	1182057	48.406	ng		99

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

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