Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080123\
Data File : BF134540.D
Acq On : 01 Aug 2023 10:12
Operator : CG\JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Quant Time: Aug 02 02:13:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 02 02:08:18 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.792	152	213182	20.000	ng		0.00
21) Naphthalene-d8	8.075	136	805859	20.000	ng	#	0.00
39) Acenaphthene-d10	9.827	164	399274	20.000	ng		0.00
64) Phenanthrene-d10	11.316	188	726478	20.000	ng	#	0.00
76) Chrysene-d12	13.962	240	486561	20.000	ng	#	0.00
86) Perylene-d12	15.415	264	442066	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.416	112	1110222	79.165	ng		0.00
7) Phenol-d6	6.428	99	1415572	78.962	ng		0.00
23) Nitrobenzene-d5	7.357	82	1098118	85.157	ng		0.00
42) 2,4,6-Tribromophenol	10.616	330	345010	84.764	ng		0.00
45) 2-Fluorobiphenyl	9.151	172	1948882	81.157	ng		0.00
79) Terphenyl-d14	12.910	244	2211743	80.134	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.551	88	258235	40.021	ng		96
3) Pyridine	3.293	79	693587	39.668	ng		92
4) n-Nitrosodimethylamine	3.263	42	337493	40.397	ng	#	67
6) Aniline	6.463	93	933273	39.690	ng		93
8) 2-Chlorophenol	6.581	128	567661	40.126	ng		96
9) Benzaldehyde	6.345	77	343086	39.672	ng		100
10) Phenol	6.439	94	715677	40.508	ng		79
11) bis(2-Chloroethyl)ether	6.539	93	556330	39.641	ng		93
12) 1,3-Dichlorobenzene	6.733	146	580589	39.666	ng		97
13) 1,4-Dichlorobenzene	6.816	146	585076	39.884	ng		96
14) 1,2-Dichlorobenzene	6.963	146	542772	39.711	ng		96
15) Benzyl Alcohol	6.939	79	498277	40.289	ng		92
16) 2,2'-oxybis(1-Chloropr...	7.075	45	875915	39.838	ng		88
17) 2-Methylphenol	7.045	107	498581	39.882	ng		91
18) Hexachloroethane	7.304	117	204554	39.730	ng		98
19) n-Nitroso-di-n-propyla...	7.216	70	416778	38.830	ng		91
20) 3+4-Methylphenols	7.198	107	607658	40.305	ng	#	70
22) Acetophenone	7.204	105	733160	39.409	ng	#	90
24) Nitrobenzene	7.380	77	586788	42.120	ng		93
25) Isophorone	7.616	82	1111652	39.524	ng		98
26) 2-Nitrophenol	7.692	139	221633	38.446	ng	#	85
27) 2,4-Dimethylphenol	7.728	122	494357	39.392	ng		84
28) bis(2-Chloroethoxy)met...	7.828	93	662880	39.399	ng		100
29) 2,4-Dichlorophenol	7.928	162	465809	40.896	ng		97
30) 1,2,4-Trichlorobenzene	8.016	180	485392	39.963	ng		98
31) Naphthalene	8.098	128	1627958	40.196	ng		99
32) Benzoic acid	7.845	122	285456	37.022	ng		89
33) 4-Chloroaniline	8.145	127	714644	39.601	ng		98
34) Hexachlorobutadiene	8.216	225	280387	40.021	ng		95
35) Caprolactam	8.516	113	152729	41.548	ng		98
36) 4-Chloro-3-methylphenol	8.622	107	486454	40.328	ng		94
37) 2-Methylnaphthalene	8.786	142	1059281	39.458	ng		100
38) 1-Methylnaphthalene	8.886	142	995760	39.889	ng		99
40) 1,2,4,5-Tetrachloroben...	8.951	216	466916	40.215	ng		99
41) Hexachlorocyclopentadiene	8.939	237	244145	43.242	ng		95
43) 2,4,6-Trichlorophenol	9.063	196	312414	41.115	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.098	196	360112	41.466	ng		92
46) 1,1'-Biphenyl	9.251	154	1248943	40.225	ng		98
47) 2-Chloronaphthalene	9.274	162	936578	40.257	ng		99
48) 2-Nitroaniline	9.369	65	288955	40.377	ng		98
49) Acenaphthylene	9.692	152	1473608	40.296	ng		99
50) Dimethylphthalate	9.557	163	1095298	40.249	ng		98
51) 2,6-Dinitrotoluene	9.616	165	224133	40.603	ng		87
52) Acenaphthene	9.863	154	951526	40.151	ng		99
53) 3-Nitroaniline	9.786	138	273044	45.015	ng		98
54) 2,4-Dinitrophenol	9.880	184	61533	37.899	ng		89
55) Dibenzofuran	10.033	168	1387391	41.124	ng		95
56) 4-Nitrophenol	9.933	139	206620	41.650	ng	#	78
57) 2,4-Dinitrotoluene	10.016	165	272198	40.868	ng		93
58) Fluorene	10.380	166	961921	39.145	ng		96
59) 2,3,4,6-Tetrachlorophenol	10.151	232	286339	41.605	ng		95
60) Diethylphthalate	10.257	149	1054509	40.881	ng		98
61) 4-Chlorophenyl-phenyle...	10.374	204	473101	39.169	ng		92
62) 4-Nitroaniline	10.398	138	265737	44.698	ng		87
63) Azobenzene	10.533	77	1121923	40.482	ng		97
65) 4,6-Dinitro-2-methylph...	10.421	198	102663	37.326	ng		95
66) n-Nitrosodiphenylamine	10.492	169	931779	40.296	ng		99
67) 4-Bromophenyl-phenylether	10.863	248	320118	40.253	ng		98
68) Hexachlorobenzene	10.921	284	342123	40.739	ng		98
69) Atrazine	11.021	200	248054	39.800	ng		96
70) Pentachlorophenol	11.116	266	226414	43.544	ng		98
71) Phenanthrene	11.339	178	1557078	40.352	ng		100
72) Anthracene	11.392	178	1589503	40.327	ng		98
73) Carbazole	11.545	167	1421451	40.390	ng		99
74) Di-n-butylphthalate	11.892	149	1548328	41.412	ng		99
75) Fluoranthene	12.527	202	1676659	41.134	ng		96
77) Benzidine	12.657	184	469219	44.424	ng		99
78) Pyrene	12.757	202	1699764	40.372	ng		96
80) Butylbenzylphthalate	13.392	149	611759	42.970	ng		94
81) Benzo(a)anthracene	13.951	228	1411868	40.581	ng		99
82) 3,3'-Dichlorobenzidine	13.915	252	405654	40.224	ng	#	98
83) Chrysene	13.986	228	1361401	40.164	ng		99
84) Bis(2-ethylhexyl)phtha...	13.957	149	707149	42.208	ng		99
85) Di-n-octyl phthalate	14.574	149	1073569	42.137	ng		96
87) Indeno(1,2,3-cd)pyrene	16.886	276	1115190	42.894	ng	#	92
88) Benzo(b)fluoranthene	14.992	252	1069867	39.682	ng	#	98
89) Benzo(k)fluoranthene	15.021	252	1137626	42.357	ng	#	98
90) Benzo(a)pyrene	15.356	252	1037770	41.283	ng	#	96
91) Dibenzo(a,h)anthracene	16.915	278	898891	42.781	ng	#	96
92) Benzo(g,h,i)perylene	17.333	276	920966	42.970	ng	#	92

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

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