Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020322\
Data File : BF126799.D
Acq On : 03 Feb 2022 15:35
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Quant Time: Feb 03 17:18:34 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 02 15:08:47 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.951	152	165878	20.000	ng		0.00
21) Naphthalene-d8	8.233	136	623843	20.000	ng		0.00
39) Acenaphthene-d10	9.992	164	347701	20.000	ng		0.00
64) Phenanthrene-d10	11.486	188	594358	20.000	ng		0.00
76) Chrysene-d12	14.133	240	469238	20.000	ng	#	0.00
86) Perylene-d12	15.645	264	365328	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.563	112	925058	76.382	ng		0.00
7) Phenol-d6	6.569	99	1314408	78.460	ng		0.00
23) Nitrobenzene-d5	7.516	82	1301998	78.108	ng		0.00
42) 2,4,6-Tribromophenol	10.786	330	284473	78.833	ng		0.00
45) 2-Fluorobiphenyl	9.310	172	1603168	76.346	ng		0.00
79) Terphenyl-d14	13.074	244	1900118	67.739	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.781	88	245011	39.979	ng	#	86
3) Pyridine	3.551	79	680955	40.973	ng	#	82
4) n-Nitrosodimethylamine	3.522	42	206472	40.220	ng	#	65
6) Aniline	6.616	93	867606	40.586	ng		98
8) 2-Chlorophenol	6.734	128	432325	39.040	ng		95
9) Benzaldehyde	6.504	77	408511	38.759	ng		89
10) Phenol	6.581	94	705217	39.329	ng		96
11) bis(2-Chloroethyl)ether	6.687	93	569475	39.421	ng		92
12) 1,3-Dichlorobenzene	6.892	146	475456	38.130	ng		95
13) 1,4-Dichlorobenzene	6.969	146	486482	38.600	ng		96
14) 1,2-Dichlorobenzene	7.122	146	449795	36.726	ng		98
15) Benzyl Alcohol	7.087	79	524136	39.159	ng		92
16) 2,2'-oxybis(1-Chloropr...	7.222	45	622778	40.017	ng		83
17) 2-Methylphenol	7.192	107	429172	39.410	ng		94
18) Hexachloroethane	7.463	117	190804	38.648	ng		92
19) n-Nitroso-di-n-propyla...	7.363	70	420255	38.097	ng	#	84
20) 3+4-Methylphenols	7.345	107	535706	39.058	ng	#	80
22) Acetophenone	7.363	105	687329	38.075	ng	#	87
24) Nitrobenzene	7.534	77	645285	38.997	ng	#	87
25) Isophorone	7.769	82	1131010	39.535	ng	#	94
26) 2-Nitrophenol	7.845	139	229790	41.668	ng	#	76
27) 2,4-Dimethylphenol	7.875	122	387526	40.233	ng		88
28) bis(2-Chloroethoxy)met...	7.981	93	717186	39.529	ng		98
29) 2,4-Dichlorophenol	8.086	162	379319	40.005	ng		99
30) 1,2,4-Trichlorobenzene	8.175	180	397606	38.993	ng		97
31) Naphthalene	8.257	128	1261357	38.683	ng		100
32) Benzoic acid	7.998	122	320518	43.120	ng	#	75
33) 4-Chloroaniline	8.304	127	529360	40.180	ng	#	95
34) Hexachlorobutadiene	8.369	225	245538	38.417	ng		99
35) Caprolactam	8.681	113	145275	42.107	ng	#	73
36) 4-Chloro-3-methylphenol	8.775	107	476907	39.460	ng		88
37) 2-Methylnaphthalene	8.945	142	784964	39.068	ng		99
38) 1-Methylnaphthalene	9.045	142	757455	39.164	ng		97
40) 1,2,4,5-Tetrachloroben...	9.110	216	376291	37.587	ng		97
41) Hexachlorocyclopentadiene	9.092	237	224595	38.922	ng		96
43) 2,4,6-Trichlorophenol	9.222	196	271343	38.474	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.257	196	290659	39.476	ng	#	93
46) 1,1'-Biphenyl	9.410	154	982281	38.574	ng		97
47) 2-Chloronaphthalene	9.439	162	780942	38.687	ng		100
48) 2-Nitroaniline	9.533	65	332435	40.392	ng		93
49) Acenaphthylene	9.857	152	1212546	38.904	ng		98
50) Dimethylphthalate	9.710	163	938296	39.040	ng	#	99
51) 2,6-Dinitrotoluene	9.775	165	196969	39.896	ng		88
52) Acenaphthene	10.028	154	774272	38.963	ng		98
53) 3-Nitroaniline	9.945	138	231625	41.172	ng		82
54) 2,4-Dinitrophenol	10.045	184	115830	44.540	ng		97
55) Dibenzofuran	10.198	168	1115185	38.020	ng		98
56) 4-Nitrophenol	10.092	139	181147	42.517	ng	#	76
57) 2,4-Dinitrotoluene	10.180	165	271988	40.648	ng	#	91
58) Fluorene	10.545	166	817482	37.668	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.310	232	247835	38.889	ng	#	82
60) Diethylphthalate	10.410	149	900612	38.137	ng		97
61) 4-Chlorophenyl-phenyle...	10.533	204	415098	37.814	ng	#	87
62) 4-Nitroaniline	10.563	138	227331	42.584	ng	#	74
63) Azobenzene	10.692	77	1278379	39.015	ng		91
65) 4,6-Dinitro-2-methylph...	10.586	198	159008	44.101	ng		96
66) n-Nitrosodiphenylamine	10.651	169	749929	39.236	ng		99
67) 4-Bromophenyl-phenylether	11.027	248	269568	39.624	ng	#	89
68) Hexachlorobenzene	11.086	284	285979	38.417	ng		92
69) Atrazine	11.180	200	248415	40.054	ng		93
70) Pentachlorophenol	11.280	266	184212	42.415	ng		98
71) Phenanthrene	11.510	178	1271238	38.618	ng		99
72) Anthracene	11.563	178	1266687	38.419	ng		100
73) Carbazole	11.716	167	1202811	38.671	ng		98
74) Di-n-butylphthalate	12.039	149	1398611	38.784	ng	#	98
75) Fluoranthene	12.704	202	1299518	38.812	ng		97
77) Benzidine	12.821	184	452333	42.020	ng		98
78) Pyrene	12.933	202	1328832	35.435	ng		99
80) Butylbenzylphthalate	13.545	149	591665	38.025	ng	#	91
81) Benzo(a)anthracene	14.121	228	1220700	38.987	ng		98
82) 3,3'-Dichlorobenzidine	14.086	252	390141	43.509	ng	#	95
83) Chrysene	14.163	228	1143488	38.572	ng		98
84) Bis(2-ethylhexyl)phtha...	14.098	149	811567	40.089	ng		100
85) Di-n-octyl phthalate	14.721	149	1307412	45.294	ng		94
87) Indeno(1,2,3-cd)pyrene	17.198	276	789146	35.416	ng	#	89
88) Benzo(b)fluoranthene	15.198	252	936341	39.197	ng	#	93
89) Benzo(k)fluoranthene	15.227	252	966569	40.563	ng	#	95
90) Benzo(a)pyrene	15.580	252	747421	39.251	ng	#	94
91) Dibenzo(a,h)anthracene	17.221	278	653862	35.825	ng	#	93
92) Benzo(g,h,i)perylene	17.674	276	634722	35.209	ng	#	89

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

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