Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053023\
Data File : BF133516.D
Acq On : 30 May 2023 11:52
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: May 30 13:00:00 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 30 12:58:40 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	146019	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	530347	20.000	ng	# 0.00
39) Acenaphthene-d10	9.875	164	255012	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	494993	20.000	ng	0.00
76) Chrysene-d12	14.004	240	341174	20.000	ng	0.00
86) Perylene-d12	15.457	264	296827	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	672962	76.895	ng	0.00
7) Phenol-d6	6.463	99	836602	77.654	ng	0.00
23) Nitrobenzene-d5	7.404	82	689125	86.758	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	207741	81.723	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1329650	80.476	ng	0.00
79) Terphenyl-d14	12.951	244	1429640	74.504	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.558	88	156204	39.520	ng	98
3) Pyridine	3.299	79	438685	39.584	ng	98
4) n-Nitrosodimethylamine	3.258	42	238058	39.388	ng	98
6) Aniline	6.499	93	576782	39.430	ng	99
8) 2-Chlorophenol	6.616	128	335721	38.931	ng	99
9) Benzaldehyde	6.387	77	220019	41.358	ng	99
10) Phenol	6.475	94	428020	39.604	ng	98
11) bis(2-Chloroethyl)ether	6.575	93	352118	39.406	ng	100
12) 1,3-Dichlorobenzene	6.775	146	375382	39.210	ng	99
13) 1,4-Dichlorobenzene	6.851	146	378118	39.395	ng	99
14) 1,2-Dichlorobenzene	7.004	146	348531	39.350	ng	99
15) Benzyl Alcohol	6.975	79	321914	39.358	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.116	45	649869	38.346	ng	98
17) 2-Methylphenol	7.081	107	318269	38.973	ng	99
18) Hexachloroethane	7.346	117	128644	38.761	ng	98
19) n-Nitroso-di-n-propyla...	7.251	70	255874	36.708	ng	99
20) 3+4-Methylphenols	7.240	107	375356	40.656	ng	97
22) Acetophenone	7.246	105	466046	38.159	ng	98
24) Nitrobenzene	7.422	77	362179	42.793	ng	99
25) Isophorone	7.657	82	712330	38.479	ng	99
26) 2-Nitrophenol	7.734	139	125236	33.844	ng	98
27) 2,4-Dimethylphenol	7.769	122	310167	39.379	ng	99
28) bis(2-Chloroethoxy)met...	7.869	93	411346	38.320	ng	99
29) 2,4-Dichlorophenol	7.975	162	285102	40.232	ng	95
30) 1,2,4-Trichlorobenzene	8.057	180	302104	39.414	ng	99
31) Naphthalene	8.140	128	1014474	39.455	ng	99
32) Benzoic acid	7.881	122	152809	32.292	ng	97
33) 4-Chloroaniline	8.187	127	437360	39.688	ng	99
34) Hexachlorobutadiene	8.257	225	183153	39.282	ng	99
35) Caprolactam	8.563	113	96023	41.317	ng	97
36) 4-Chloro-3-methylphenol	8.663	107	317104	39.947	ng	100
37) 2-Methylnaphthalene	8.834	142	692400	39.441	ng	98
38) 1-Methylnaphthalene	8.928	142	641865	39.223	ng	99
40) 1,2,4,5-Tetrachloroben...	8.998	216	296314	39.204	ng	100
41) Hexachlorocyclopentadiene	8.981	237	148510	38.342	ng	98
43) 2,4,6-Trichlorophenol	9.104	196	192275	39.756	ng	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.140	196	229255	40.839	ng		99
46) 1,1'-Biphenyl	9.298	154	815226	39.348	ng		98
47) 2-Chloronaphthalene	9.322	162	587530	39.128	ng		99
48) 2-Nitroaniline	9.416	65	178540	37.946	ng		99
49) Acenaphthylene	9.739	152	1015470	39.629	ng		99
50) Dimethylphthalate	9.598	163	703574	39.255	ng		100
51) 2,6-Dinitrotoluene	9.657	165	129218	38.692	ng		97
52) Acenaphthene	9.910	154	614098	39.563	ng		98
53) 3-Nitroaniline	9.828	138	170457	40.436	ng		95
54) 2,4-Dinitrophenol	9.928	184	48285	37.976	ng		95
55) Dibenzofuran	10.081	168	919691	39.825	ng		99
56) 4-Nitrophenol	9.975	139	127342	41.527	ng		96
57) 2,4-Dinitrotoluene	10.063	165	169566	40.873	ng	#	82
58) Fluorene	10.422	166	666105	39.369	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.192	232	178160	42.141	ng		99
60) Diethylphthalate	10.298	149	731892	39.336	ng		99
61) 4-Chlorophenyl-phenyle...	10.416	204	313179	38.550	ng		100
62) 4-Nitroaniline	10.439	138	175400	41.195	ng		94
63) Azobenzene	10.575	77	730313	39.212	ng		96
65) 4,6-Dinitro-2-methylph...	10.469	198	70297	37.137	ng	#	77
66) n-Nitrosodiphenylamine	10.534	169	619162	38.529	ng		100
67) 4-Bromophenyl-phenylether	10.904	248	204076	38.821	ng		96
68) Hexachlorobenzene	10.969	284	212302	38.620	ng		99
69) Atrazine	11.063	200	173610	39.374	ng		98
70) Pentachlorophenol	11.157	266	135849	41.329	ng		98
71) Phenanthrene	11.386	178	974018	38.850	ng		99
72) Anthracene	11.439	178	1009104	39.108	ng		99
73) Carbazole	11.592	167	960670	39.368	ng		99
74) Di-n-butylphthalate	11.928	149	1111784	38.530	ng		100
75) Fluoranthene	12.575	202	1103838	39.860	ng		99
77) Benzidine	12.698	184	319037	31.972	ng		98
78) Pyrene	12.804	202	1118997	38.543	ng		99
80) Butylbenzylphthalate	13.427	149	444412	38.689	ng		99
81) Benzo(a)anthracene	13.992	228	883548	38.875	ng		100
82) 3,3'-Dichlorobenzidine	13.957	252	284515	40.045	ng		99
83) Chrysene	14.033	228	912757	39.782	ng		100
84) Bis(2-ethylhexyl)phtha...	13.986	149	552815	38.501	ng	#	98
85) Di-n-octyl phthalate	14.604	149	975705	40.793	ng		99
87) Indeno(1,2,3-cd)pyrene	16.910	276	721562	38.163	ng		100
88) Benzo(b)fluoranthene	15.033	252	788781	40.809	ng		98
89) Benzo(k)fluoranthene	15.069	252	736314	39.068	ng		99
90) Benzo(a)pyrene	15.398	252	688017	39.119	ng		99
91) Dibenzo(a,h)anthracene	16.933	278	584946	38.158	ng		98
92) Benzo(g,h,i)perylene	17.351	276	617396	39.942	ng		98

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

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