Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043024\
Data File : BF137767.D
Acq On : 30 Apr 2024 12:41
Operator : CG\JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Quant Time: May 01 02:56:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 02:54:23 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.057	152	233141	20.000	ng	0.00
21) Naphthalene-d8	8.340	136	936784	20.000	ng	0.00
39) Acenaphthene-d10	10.104	164	524822	20.000	ng	0.00
64) Phenanthrene-d10	11.598	188	903640	20.000	ng	0.00
76) Chrysene-d12	14.251	240	613259	20.000	ng	0.00
86) Perylene-d12	15.821	264	454767	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	603714	43.355	ng	0.00
7) Phenol-d6	6.663	99	761566	43.118	ng	-0.01
23) Nitrobenzene-d5	7.616	82	680748	42.219	ng	0.00
42) 2,4,6-Tribromophenol	10.892	330	220804	41.206	ng	0.00
45) 2-Fluorobiphenyl	9.416	172	1420151	43.901	ng	0.00
79) Terphenyl-d14	13.186	244	1596614	43.631	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.969	88	133435	21.280	ng	100
3) Pyridine	3.734	79	330576	21.783	ng	99
4) n-Nitrosodimethylamine	3.693	42	142931	20.915	ng	99
6) Aniline	6.716	93	371098	21.117	ng	99
8) 2-Chlorophenol	6.840	128	326950	21.545	ng	99
9) Benzaldehyde	6.610	77	225776	23.737	ng	98
10) Phenol	6.675	94	389017	21.495	ng	97
11) bis(2-Chloroethyl)ether	6.787	93	297106	20.966	ng	98
12) 1,3-Dichlorobenzene	6.998	146	367616	21.482	ng	99
13) 1,4-Dichlorobenzene	7.075	146	367563	21.406	ng	99
14) 1,2-Dichlorobenzene	7.228	146	346856	21.447	ng	99
15) Benzyl Alcohol	7.187	79	260687	21.343	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.322	45	420560	21.114	ng	99
17) 2-Methylphenol	7.293	107	256942	20.984	ng	99
18) Hexachloroethane	7.569	117	123770	21.322	ng	92
19) n-Nitroso-di-n-propyla...	7.457	70	225463	21.360	ng	98
20) 3+4-Methylphenols	7.440	107	349459	21.692	ng	98
22) Acetophenone	7.457	105	450994	21.406	ng	98
24) Nitrobenzene	7.634	77	348804	20.989	ng	98
25) Isophorone	7.869	82	604481	20.793	ng	99
26) 2-Nitrophenol	7.951	139	155000	20.597	ng	93
27) 2,4-Dimethylphenol	7.975	122	229423	21.176	ng	99
28) bis(2-Chloroethoxy)met...	8.075	93	370868	21.069	ng	99
29) 2,4-Dichlorophenol	8.187	162	275631	21.048	ng	99
30) 1,2,4-Trichlorobenzene	8.281	180	298811	20.931	ng	99
31) Naphthalene	8.363	128	997621	21.429	ng	100
32) Benzoic acid	8.057	122	174301	18.649	ng	95
33) 4-Chloroaniline	8.404	127	358711	20.779	ng	100
34) Hexachlorobutadiene	8.475	225	183946	20.987	ng	100
35) Caprolactam	8.757	113	83504	20.126	ng	97
36) 4-Chloro-3-methylphenol	8.875	107	282808	20.709	ng	98
37) 2-Methylnaphthalene	9.057	142	643039	21.339	ng	100
38) 1-Methylnaphthalene	9.157	142	632281	21.327	ng	98
40) 1,2,4,5-Tetrachloroben...	9.216	216	294379	21.178	ng	100
41) Hexachlorocyclopentadiene	9.204	237	116599	20.652	ng	99
43) 2,4,6-Trichlorophenol	9.328	196	198975	21.029	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.363	196	217202	20.789	ng	97
46) 1,1'-Biphenyl	9.516	154	776655	21.563	ng	98
47) 2-Chloronaphthalene	9.545	162	627922	21.594	ng	99
48) 2-Nitroaniline	9.634	65	162650	20.624	ng	95
49) Acenaphthylene	9.963	152	898097	21.350	ng	100
50) Dimethylphthalate	9.810	163	677844	20.459	ng	100
51) 2,6-Dinitrotoluene	9.875	165	156999	20.735	ng	99
52) Acenaphthene	10.139	154	595412	21.355	ng	99
53) 3-Nitroaniline	10.045	138	164022	20.686	ng	92
54) 2,4-Dinitrophenol	10.151	184	65758	17.675	ng	93
55) Dibenzofuran	10.310	168	863540	21.283	ng	97
56) 4-Nitrophenol	10.186	139	135312	20.590	ng	93
57) 2,4-Dinitrotoluene	10.281	165	201331	20.353	ng	96
58) Fluorene	10.651	166	690866	21.394	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.422	232	175416	20.681	ng	98
60) Diethylphthalate	10.516	149	649284	20.634	ng	99
61) 4-Chlorophenyl-phenyle...	10.639	204	335014	21.055	ng	96
62) 4-Nitroaniline	10.663	138	161749	20.112	ng	99
63) Azobenzene	10.804	77	629436	20.697	ng	97
65) 4,6-Dinitro-2-methylph...	10.686	198	97871	18.870	ng	98
66) n-Nitrosodiphenylamine	10.757	169	581762	21.507	ng	99
67) 4-Bromophenyl-phenylether	11.133	248	205957	21.296	ng	97
68) Hexachlorobenzene	11.198	284	220324	20.847	ng	99
69) Atrazine	11.281	200	169614	20.565	ng	98
70) Pentachlorophenol	11.392	266	154119	21.241	ng	96
71) Phenanthrene	11.622	178	944027	21.433	ng	99
72) Anthracene	11.675	178	943498	21.529	ng	100
73) Carbazole	11.828	167	901339	21.341	ng	98
74) Di-n-butylphthalate	12.145	149	954943	20.727	ng	99
75) Fluoranthene	12.816	202	1020218	21.190	ng	99
77) Benzidine	12.933	184	264009	18.614	ng	100
78) Pyrene	13.051	202	1036729	21.321	ng	98
80) Butylbenzylphthalate	13.657	149	302059	19.579	ng	95
81) Benzo(a)anthracene	14.239	228	808854	20.622	ng	99
82) 3,3'-Dichlorobenzidine	14.198	252	252516	21.505	ng	98
83) Chrysene	14.274	228	765325	20.839	ng	99
84) Bis(2-ethylhexyl)phtha...	14.210	149	358329	18.430	ng	100
85) Di-n-octyl phthalate	14.839	149	468055	17.887	ng	99
87) Indeno(1,2,3-cd)pyrene	17.457	276	494623	19.131	ng	100
88) Benzo(b)fluoranthene	15.345	252	611150	21.600	ng	99
89) Benzo(k)fluoranthene	15.380	252	562095	20.554	ng	98
90) Benzo(a)pyrene	15.751	252	476566	20.645	ng	99
91) Dibenzo(a,h)anthracene	17.474	278	408630	19.417	ng	98
92) Benzo(g,h,i)perylene	17.951	276	417435	18.921	ng	96

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

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