Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042324\
Data File : BF137706.D
Acq On : 23 Apr 2024 21:30
Operator : CG\JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF042324

Quant Time: Apr 24 04:01:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 03:57:12 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.063	152	263588	20.000	ng	0.00
21) Naphthalene-d8	8.351	136	1080566	20.000	ng	0.00
39) Acenaphthene-d10	10.110	164	614301	20.000	ng	0.00
64) Phenanthrene-d10	11.604	188	1043863	20.000	ng	0.00
76) Chrysene-d12	14.262	240	699179	20.000	ng	# 0.00
86) Perylene-d12	15.833	264	545960	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.681	112	1434870	82.690	ng	0.00
7) Phenol-d6	6.675	99	1806037	81.960	ng	0.00
23) Nitrobenzene-d5	7.628	82	1634516	80.296	ng	0.00
42) 2,4,6-Tribromophenol	10.904	330	505493	81.547	ng	0.00
45) 2-Fluorobiphenyl	9.427	172	3017956	73.408	ng	0.00
79) Terphenyl-d14	13.198	244	3422943	78.799	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.987	88	329620	42.422	ng	99
3) Pyridine	3.745	79	801016	38.699	ng	99
4) n-Nitrosodimethylamine	3.716	42	412315	42.683	ng	100
6) Aniline	6.728	93	1167014	42.551	ng	99
8) 2-Chlorophenol	6.845	128	827548	45.686	ng	96
9) Benzaldehyde	6.616	77	537185	43.439	ng	97
10) Phenol	6.686	94	991226	45.028	ng	96
11) bis(2-Chloroethyl)ether	6.792	93	788200	43.897	ng	96
12) 1,3-Dichlorobenzene	7.004	146	868707	45.732	ng	99
13) 1,4-Dichlorobenzene	7.081	146	874862	45.746	ng	99
14) 1,2-Dichlorobenzene	7.234	146	839157	47.139	ng	98
15) Benzyl Alcohol	7.198	79	716029	43.437	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.333	45	1225016	44.363	ng	99
17) 2-Methylphenol	7.298	107	667739	41.492	ng	99
18) Hexachloroethane	7.581	117	312856	46.222	ng	99
19) n-Nitroso-di-n-propyla...	7.475	70	603700	42.368	ng	99
20) 3+4-Methylphenols	7.451	107	867889	41.754	ng	98
22) Acetophenone	7.475	105	1154536	43.684	ng	99
24) Nitrobenzene	7.645	77	891615	43.354	ng	94
25) Isophorone	7.881	82	1652024	43.698	ng	98
26) 2-Nitrophenol	7.963	139	427717	47.392	ng	99
27) 2,4-Dimethylphenol	7.986	122	676415	37.149	ng	99
28) bis(2-Chloroethoxy)met...	8.086	93	980763	42.473	ng	99
29) 2,4-Dichlorophenol	8.198	162	700143	43.875	ng	99
30) 1,2,4-Trichlorobenzene	8.286	180	711315	43.733	ng	100
31) Naphthalene	8.375	128	2350393	42.625	ng	100
32) Benzoic acid	8.092	122	534759	46.384	ng	98
33) 4-Chloroaniline	8.416	127	967634	41.459	ng	99
34) Hexachlorobutadiene	8.480	225	422717	43.351	ng	99
35) Caprolactam	8.786	113	225014	43.614	ng	99
36) 4-Chloro-3-methylphenol	8.880	107	727675	42.994	ng	100
37) 2-Methylnaphthalene	9.063	142	1526680	40.339	ng	100
38) 1-Methylnaphthalene	9.163	142	1482990	41.910	ng	99
40) 1,2,4,5-Tetrachloroben...	9.227	216	727047	43.171	ng	100
41) Hexachlorocyclopentadiene	9.210	237	428762	45.437	ng	99
43) 2,4,6-Trichlorophenol	9.333	196	501618	42.457	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.369	196	538270	39.754	ng	99
46) 1,1'-Biphenyl	9.527	154	1903846	42.602	ng	99
47) 2-Chloronaphthalene	9.557	162	1485293	43.116	ng	100
48) 2-Nitroaniline	9.645	65	464359	44.236	ng	98
49) Acenaphthylene	9.975	152	2364621	44.016	ng	100
50) Dimethylphthalate	9.827	163	1739809	40.650	ng	100
51) 2,6-Dinitrotoluene	9.886	165	391793	43.447	ng	98
52) Acenaphthene	10.145	154	1439393	41.379	ng	99
53) 3-Nitroaniline	10.063	138	431033	42.533	ng	99
54) 2,4-Dinitrophenol	10.157	184	193121	43.080	ng	88
55) Dibenzofuran	10.322	168	2109597	41.372	ng	99
56) 4-Nitrophenol	10.198	139	349063	44.292	ng	98
57) 2,4-Dinitrotoluene	10.292	165	513132	45.136	ng	100
58) Fluorene	10.663	166	1643613	41.252	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.427	232	436430	41.626	ng	100
60) Diethylphthalate	10.527	149	1678819	40.782	ng	100
61) 4-Chlorophenyl-phenyle...	10.651	204	800783	40.676	ng	99
62) 4-Nitroaniline	10.680	138	415516	43.048	ng	99
63) Azobenzene	10.810	77	1726921	40.938	ng	99
65) 4,6-Dinitro-2-methylph...	10.698	198	259177	43.303	ng	96
66) n-Nitrosodiphenylamine	10.769	169	1463593	41.397	ng	100
67) 4-Bromophenyl-phenylether	11.145	248	498176	41.186	ng	99
68) Hexachlorobenzene	11.210	284	515292	43.729	ng	100
69) Atrazine	11.292	200	421273	43.105	ng	99
70) Pentachlorophenol	11.398	266	337976	38.128	ng	99
71) Phenanthrene	11.633	178	2299966	41.623	ng	100
72) Anthracene	11.686	178	2347952	41.496	ng	100
73) Carbazole	11.833	167	2152680	41.980	ng	100
74) Di-n-butylphthalate	12.157	149	2597222	41.549	ng	100
75) Fluoranthene	12.827	202	2401843	41.353	ng	100
77) Benzidine	12.939	184	899210	55.063	ng	99
78) Pyrene	13.057	202	2453973	42.761	ng	99
80) Butylbenzylphthalate	13.662	149	913290	44.877	ng	99
81) Benzo(a)anthracene	14.251	228	2081001	42.673	ng	100
82) 3,3'-Dichlorobenzidine	14.204	252	651704	43.192	ng	99
83) Chrysene	14.286	228	1869993	41.040	ng	99
84) Bis(2-ethylhexyl)phtha...	14.221	149	1373387	44.686	ng	99
85) Di-n-octyl phthalate	14.851	149	1984259	42.981	ng	99
87) Indeno(1,2,3-cd)pyrene	17.474	276	1358849	44.888	ng	100
88) Benzo(b)fluoranthene	15.357	252	1617786	46.306	ng	99
89) Benzo(k)fluoranthene	15.392	252	1463597	42.618	ng	98
90) Benzo(a)pyrene	15.762	252	1272245	40.594	ng	100
91) Dibenzo(a,h)anthracene	17.498	278	1119511	44.564	ng	99
92) Benzo(g,h,i)perylene	17.974	276	1082476	44.313	ng	98

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

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