Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031524\
Data File : BF137613.D
Acq On : 15 Mar 2024 17:02
Operator : CG\JU
Sample : PB159613BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB159613BSD

Quant Time: Mar 15 17:31:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 14 14:45:20 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.728	152	177128	20.000	ng		0.00
21) Naphthalene-d8	8.010	136	685431	20.000	ng		0.00
39) Acenaphthene-d10	9.763	164	367798	20.000	ng		0.00
64) Phenanthrene-d10	11.245	188	614466	20.000	ng		0.00
76) Chrysene-d12	13.880	240	368786	20.000	ng		0.00
86) Perylene-d12	15.298	264	320365	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.346	112	983725	84.114	ng		0.01
7) Phenol-d6	6.369	99	1322552	78.343	ng		0.00
23) Nitrobenzene-d5	7.298	82	1145949	77.682	ng		0.00
42) 2,4,6-Tribromophenol	10.551	330	281537	87.166	ng		0.00
45) 2-Fluorobiphenyl	9.087	172	1866014	79.418	ng		0.00
79) Terphenyl-d14	12.827	244	1965064	73.272	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.458	88	218717	34.203	ng		98
3) Pyridine	3.158	79	501996	32.549	ng		97
4) n-Nitrosodimethylamine	3.128	42	234254	38.329	ng		95
6) Aniline	6.393	93	420678	20.394	ng		97
8) 2-Chlorophenol	6.510	128	535564	43.417	ng		96
9) Benzaldehyde	6.275	77	117699	14.231	ng		99
10) Phenol	6.381	94	734682	40.433	ng		98
11) bis(2-Chloroethyl)ether	6.469	93	557105	41.840	ng		96
12) 1,3-Dichlorobenzene	6.663	146	568620	43.139	ng		99
13) 1,4-Dichlorobenzene	6.746	146	572560	42.454	ng		99
14) 1,2-Dichlorobenzene	6.893	146	543169	43.879	ng		99
15) Benzyl Alcohol	6.875	79	456426	43.429	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.004	45	868103	37.929	ng		97
17) 2-Methylphenol	6.993	107	434207	37.618	ng		96
18) Hexachloroethane	7.234	117	199481	44.921	ng		95
19) n-Nitroso-di-n-propyla...	7.145	70	401136	38.480	ng		100
20) 3+4-Methylphenols	7.145	107	513738	38.862	ng		93
22) Acetophenone	7.140	105	721068	43.479	ng	#	97
24) Nitrobenzene	7.316	77	607968	41.026	ng		95
25) Isophorone	7.551	82	1130268	40.329	ng		99
26) 2-Nitrophenol	7.628	139	272974	46.398	ng		98
27) 2,4-Dimethylphenol	7.669	122	379404	34.513	ng		99
28) bis(2-Chloroethoxy)met...	7.763	93	681016	41.415	ng		99
29) 2,4-Dichlorophenol	7.869	162	436012	43.215	ng		99
30) 1,2,4-Trichlorobenzene	7.951	180	470267	44.292	ng		99
31) Naphthalene	8.034	128	1532682	41.676	ng		99
32) Benzoic acid	7.810	122	222951	36.894	ng		94
33) 4-Chloroaniline	8.087	127	153512	10.645	ng		97
34) Hexachlorobutadiene	8.145	225	271423	43.301	ng		99
35) Caprolactam	8.457	113	139233m	40.698	ng		
36) 4-Chloro-3-methylphenol	8.575	107	470919	41.757	ng		97
37) 2-Methylnaphthalene	8.722	142	951497	40.585	ng		100
38) 1-Methylnaphthalene	8.822	142	868297	39.328	ng		100
40) 1,2,4,5-Tetrachloroben...	8.887	216	454517	44.265	ng		99
41) Hexachlorocyclopentadiene	8.875	237	373005	88.087	ng		98
43) 2,4,6-Trichlorophenol	9.004	196	299826	44.840	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.045	196	318434	41.341	ng		97
46) 1,1'-Biphenyl	9.187	154	1149175	42.689	ng		98
47) 2-Chloronaphthalene	9.210	162	895177	43.616	ng		99
48) 2-Nitroaniline	9.310	65	312118	44.742	ng		94
49) Acenaphthylene	9.622	152	1434483	43.674	ng		99
50) Dimethylphthalate	9.492	163	1073034	41.910	ng		100
51) 2,6-Dinitrotoluene	9.557	165	236906	44.239	ng	#	85
52) Acenaphthene	9.798	154	801057	40.852	ng		99
53) 3-Nitroaniline	9.722	138	113663	20.066	ng		100
54) 2,4-Dinitrophenol	9.834	184	214961	82.063	ng		96
55) Dibenzofuran	9.969	168	1211173	40.554	ng		99
56) 4-Nitrophenol	9.892	139	314960	78.260	ng		98
57) 2,4-Dinitrotoluene	9.957	165	300938	45.741	ng		98
58) Fluorene	10.310	166	911016	39.719	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.086	232	264703	42.854	ng		95
60) Diethylphthalate	10.192	149	1021887	42.266	ng		99
61) 4-Chlorophenyl-phenyle...	10.304	204	448022	39.856	ng		96
62) 4-Nitroaniline	10.339	138	196911	40.447	ng		95
63) Azobenzene	10.463	77	1097286	39.414	ng		99
65) 4,6-Dinitro-2-methylph...	10.363	198	172114	50.257	ng		94
66) n-Nitrosodiphenylamine	10.428	169	834526	42.176	ng		100
67) 4-Bromophenyl-phenylether	10.792	248	290367	43.386	ng		99
68) Hexachlorobenzene	10.851	284	315595	46.688	ng		98
69) Atrazine	10.951	200	269068	44.732	ng		97
70) Pentachlorophenol	11.051	266	332299	81.319	ng		98
71) Phenanthrene	11.269	178	1369706	40.959	ng		99
72) Anthracene	11.322	178	1410556	41.070	ng		99
73) Carbazole	11.480	167	1267394	43.081	ng		98
74) Di-n-butylphthalate	11.810	149	1477415	42.209	ng		99
75) Fluoranthene	12.457	202	1375345	42.076	ng		96
77) Benzidine	12.586	184	289042	32.027	ng		98
78) Pyrene	12.680	202	1413949	39.074	ng		99
80) Butylbenzylphthalate	13.304	149	520002	56.268	ng		99
81) Benzo(a)anthracene	13.869	228	1094091	42.328	ng		100
82) 3,3'-Dichlorobenzidine	13.833	252	217356	31.577	ng		97
83) Chrysene	13.904	228	1128419	43.194	ng		99
84) Bis(2-ethylhexyl)phtha...	13.863	149	650352	55.367	ng		99
85) Di-n-octyl phthalate	14.474	149	1096493	48.385	ng		97
87) Indeno(1,2,3-cd)pyrene	16.686	276	915313	43.416	ng		97
88) Benzo(b)fluoranthene	14.892	252	945152	49.874	ng		99
89) Benzo(k)fluoranthene	14.921	252	848549	41.687	ng		99
90) Benzo(a)pyrene	15.239	252	824227	44.135	ng		99
91) Dibenzo(a,h)anthracene	16.704	278	714794	41.796	ng		98
92) Benzo(g,h,i)perylene	17.110	276	730592	41.597	ng		97

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

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