Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030524\
Data File : BF137500.D
Acq On : 05 Mar 2024 14:55
Operator : CG\JU
Sample : PB159437BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB159437BS

Quant Time: Mar 05 15:18:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 00:26:53 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.863	152	241156	20.000	ng		0.00
21) Naphthalene-d8	8.139	136	993842	20.000	ng		0.00
39) Acenaphthene-d10	9.898	164	546190	20.000	ng		0.00
64) Phenanthrene-d10	11.392	188	959824	20.000	ng		0.00
76) Chrysene-d12	14.057	240	505678	20.000	ng		0.00
86) Perylene-d12	15.580	264	456854	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.534	112	2054685	129.041	ng		0.02
7) Phenol-d6	6.516	99	2860710	124.465	ng		0.01
23) Nitrobenzene-d5	7.428	82	1816913	84.944	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	697619	145.444	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	2802623	80.322	ng		0.00
79) Terphenyl-d14	12.992	244	3215214	87.432	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.799	88	324520	37.274	ng		99
3) Pyridine	3.569	79	737418	35.119	ng		99
4) n-Nitrosodimethylamine	3.551	42	396339	46.708	ng		99
6) Aniline	6.534	93	700133	24.930	ng	#	82
8) 2-Chlorophenol	6.651	128	833198	49.612	ng		96
9) Benzaldehyde	6.422	77	60832	5.402	ng		97
10) Phenol	6.528	94	1116170	45.119	ng		89
11) bis(2-Chloroethyl)ether	6.604	93	854353	47.128	ng		97
12) 1,3-Dichlorobenzene	6.804	146	836414	46.607	ng		98
13) 1,4-Dichlorobenzene	6.881	146	851413	46.369	ng		99
14) 1,2-Dichlorobenzene	7.028	146	799293	47.426	ng		98
15) Benzyl Alcohol	7.010	79	769772	53.797	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.134	45	1367292	43.878	ng		94
17) 2-Methylphenol	7.122	107	690733	43.954	ng		97
18) Hexachloroethane	7.369	117	289159	47.827	ng		100
19) n-Nitroso-di-n-propyla...	7.281	70	621190	43.768	ng		99
20) 3+4-Methylphenols	7.275	107	776369	43.136	ng		91
22) Acetophenone	7.269	105	1091224	45.380	ng	#	97
24) Nitrobenzene	7.445	77	943605	43.915	ng		99
25) Isophorone	7.681	82	1821308	44.820	ng		99
26) 2-Nitrophenol	7.757	139	419184	49.139	ng		99
27) 2,4-Dimethylphenol	7.798	122	619277	38.851	ng		99
28) bis(2-Chloroethoxy)met...	7.892	93	1077294	45.184	ng		99
29) 2,4-Dichlorophenol	7.998	162	691950	47.300	ng		99
30) 1,2,4-Trichlorobenzene	8.081	180	706414	45.887	ng		100
31) Naphthalene	8.157	128	2278702	42.734	ng		100
32) Benzoic acid	7.951	122	432250	47.209	ng		99
33) 4-Chloroaniline	8.210	127	273177	13.065	ng		98
34) Hexachlorobutadiene	8.275	225	404094	44.461	ng		99
35) Caprolactam	8.598	113	237031m	47.784	ng		
36) 4-Chloro-3-methylphenol	8.704	107	755787	46.219	ng		100
37) 2-Methylnaphthalene	8.851	142	1414409	41.609	ng		99
38) 1-Methylnaphthalene	8.951	142	1336803	41.759	ng		99
40) 1,2,4,5-Tetrachloroben...	9.016	216	692861	45.439	ng		99
41) Hexachlorocyclopentadiene	9.004	237	590392	93.344	ng		99
43) 2,4,6-Trichlorophenol	9.133	196	481354	48.476	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	485048	42.405	ng		98
46) 1,1'-Biphenyl	9.322	154	1747583	43.716	ng		100
47) 2-Chloronaphthalene	9.345	162	1390235	45.613	ng		100
48) 2-Nitroaniline	9.445	65	512718	49.493	ng		94
49) Acenaphthylene	9.763	152	2195679	45.015	ng		99
50) Dimethylphthalate	9.628	163	1690509	44.462	ng		99
51) 2,6-Dinitrotoluene	9.692	165	377749	47.501	ng		90
52) Acenaphthene	9.933	154	1229734	42.230	ng		99
53) 3-Nitroaniline	9.863	138	240596	28.603	ng		89
54) 2,4-Dinitrophenol	9.969	184	391678	98.822	ng		94
55) Dibenzofuran	10.110	168	1861882	41.980	ng		97
56) 4-Nitrophenol	10.033	139	567081	93.923	ng		95
57) 2,4-Dinitrotoluene	10.098	165	460747	47.158	ng		93
58) Fluorene	10.451	166	1427385	41.906	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.227	232	420990m	45.896	ng		
60) Diethylphthalate	10.333	149	1578392	43.961	ng		100
61) 4-Chlorophenyl-phenyle...	10.445	204	692602	41.490	ng		93
62) 4-Nitroaniline	10.486	138	341511	47.237	ng		98
63) Azobenzene	10.604	77	1798359	43.498	ng		97
65) 4,6-Dinitro-2-methylph...	10.510	198	276166	51.624	ng		83
66) n-Nitrosodiphenylamine	10.569	169	1316925	42.608	ng		100
67) 4-Bromophenyl-phenylether	10.939	248	458323	43.841	ng		97
68) Hexachlorobenzene	10.998	284	502098	47.552	ng		95
69) Atrazine	11.104	200	389379	41.442	ng		98
70) Pentachlorophenol	11.198	266	569085	89.156	ng		100
71) Phenanthrene	11.416	178	2209728	42.303	ng		98
72) Anthracene	11.469	178	2237970	41.715	ng		99
73) Carbazole	11.627	167	2031993	44.218	ng		100
74) Di-n-butylphthalate	11.963	149	2400828	43.911	ng		99
75) Fluoranthene	12.616	202	2202954	43.145	ng		97
77) Benzidine	12.745	184	252829	20.430	ng		98
78) Pyrene	12.845	202	2246752	45.281	ng		99
80) Butylbenzylphthalate	13.474	149	715639	56.475	ng		98
81) Benzo(a)anthracene	14.045	228	1600589	45.160	ng		99
82) 3,3'-Dichlorobenzidine	14.010	252	378310	40.082	ng		100
83) Chrysene	14.080	228	1597174	44.587	ng		98
84) Bis(2-ethylhexyl)phtha...	14.045	149	859661	53.374	ng	#	98
85) Di-n-octyl phthalate	14.668	149	1450013	46.863	ng		98
87) Indeno(1,2,3-cd)pyrene	17.168	276	1502652	49.982	ng		98
88) Benzo(b)fluoranthene	15.127	252	1339054	49.549	ng		99
89) Benzo(k)fluoranthene	15.157	252	1366144	47.064	ng		98
90) Benzo(a)pyrene	15.515	252	1245334	46.762	ng		100
91) Dibenzo(a,h)anthracene	17.198	278	1210847	49.649	ng		98
92) Benzo(g,h,i)perylene	17.656	276	1226921	48.986	ng		99

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

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