Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030524\
Data File : BF137497.D
Acq On : 05 Mar 2024 13:23
Operator : CG\JU
Sample : PB159421BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB159421BS

Quant Time: Mar 05 13:45:32 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	6.857	152	232497	20.000	ng		0.00
21) Naphthalene-d8	8.134	136	942981	20.000	ng		0.00
39) Acenaphthene-d10	9.892	164	508300	20.000	ng		0.00
64) Phenanthrene-d10	11.386	188	884420	20.000	ng		0.00
76) Chrysene-d12	14.051	240	473297	20.000	ng		0.00
86) Perylene-d12	15.574	264	429218	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.528	112	1893950	123.376	ng		0.02
7) Phenol-d6	6.510	99	2632073	118.783	ng		0.00
23) Nitrobenzene-d5	7.422	82	1686421	83.096	ng		0.00
42) 2,4,6-Tribromophenol	10.692	330	598955	134.182	ng		0.00
45) 2-Fluorobiphenyl	9.216	172	2602106	80.135	ng		0.00
79) Terphenyl-d14	12.992	244	2951578	85.754	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.793	88	307468	36.631	ng		99
3) Pyridine	3.557	79	695745	34.369	ng		99
4) n-Nitrosodimethylamine	3.540	42	362091	44.461	ng	#	96
6) Aniline	6.534	93	666767	24.626	ng		99
8) 2-Chlorophenol	6.645	128	762881	47.117	ng		93
10) Phenol	6.522	94	1017703	42.671	ng		95
11) bis(2-Chloroethyl)ether	6.604	93	793623	45.409	ng		100
12) 1,3-Dichlorobenzene	6.798	146	765555	44.248	ng		99
13) 1,4-Dichlorobenzene	6.875	146	794920	44.905	ng		97
14) 1,2-Dichlorobenzene	7.028	146	741706	45.648	ng		97
15) Benzyl Alcohol	7.004	79	695860	50.443	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.134	45	1290930	42.971	ng		96
17) 2-Methylphenol	7.122	107	646547	42.674	ng		96
18) Hexachloroethane	7.363	117	271322	46.548	ng		97
19) n-Nitroso-di-n-propyla...	7.275	70	569606	41.628	ng		96
20) 3+4-Methylphenols	7.269	107	715088	41.211	ng		98
22) Acetophenone	7.269	105	1024157	44.888	ng	#	95
24) Nitrobenzene	7.445	77	878716	43.101	ng		95
25) Isophorone	7.681	82	1664778	43.177	ng		98
26) 2-Nitrophenol	7.757	139	384940	47.559	ng		96
27) 2,4-Dimethylphenol	7.792	122	597424	39.502	ng		99
28) bis(2-Chloroethoxy)met...	7.892	93	979252	43.287	ng		99
29) 2,4-Dichlorophenol	7.998	162	628628	45.289	ng		98
30) 1,2,4-Trichlorobenzene	8.075	180	649672	44.477	ng		99
31) Naphthalene	8.157	128	2112624	41.756	ng		100
32) Benzoic acid	7.945	122	386425	44.844	ng		98
33) 4-Chloroaniline	8.210	127	183142	9.231	ng		98
34) Hexachlorobutadiene	8.275	225	376100	43.613	ng		99
35) Caprolactam	8.586	113	214415m	45.556	ng		
36) 4-Chloro-3-methylphenol	8.698	107	685922	44.209	ng		99
37) 2-Methylnaphthalene	8.851	142	1290682	40.017	ng		100
38) 1-Methylnaphthalene	8.945	142	1251758	41.211	ng		99
40) 1,2,4,5-Tetrachloroben...	9.016	216	645554	45.492	ng		99
41) Hexachlorocyclopentadiene	8.998	237	570467	96.602	ng		100
43) 2,4,6-Trichlorophenol	9.133	196	428548	46.375	ng		98
44) 2,4,5-Trichlorophenol	9.181	196	446454	41.940	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.316	154	1628916	43.784	ng	98
47) 2-Chloronaphthalene	9.339	162	1266203	44.641	ng	98
48) 2-Nitroaniline	9.445	65	442403	45.889	ng	99
49) Acenaphthylene	9.757	152	1997643	44.008	ng	99
50) Dimethylphthalate	9.628	163	1529034	43.213	ng	100
51) 2,6-Dinitrotoluene	9.686	165	343669	46.437	ng	98
52) Acenaphthene	9.928	154	1144975	42.251	ng	99
53) 3-Nitroaniline	9.857	138	191872	24.510	ng	98
54) 2,4-Dinitrophenol	9.969	184	339426	92.588	ng	92
55) Dibenzofuran	10.104	168	1722552	41.734	ng	100
56) 4-Nitrophenol	10.033	139	505582	90.169	ng	95
57) 2,4-Dinitrotoluene	10.092	165	415241	45.669	ng	94
58) Fluorene	10.445	166	1301441	41.057	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.222	232	384558	45.049	ng	93
60) Diethylphthalate	10.328	149	1411469	42.242	ng	99
61) 4-Chlorophenyl-phenyle...	10.439	204	632790	40.733	ng	98
62) 4-Nitroaniline	10.480	138	290541	43.183	ng	97
63) Azobenzene	10.604	77	1640822	42.646	ng	99
65) 4,6-Dinitro-2-methylph...	10.504	198	229669	46.593	ng	86
66) n-Nitrosodiphenylamine	10.563	169	1208608	42.438	ng	100
67) 4-Bromophenyl-phenylether	10.933	248	411236	42.691	ng	99
68) Hexachlorobenzene	10.992	284	450855	46.339	ng	98
69) Atrazine	11.098	200	399972	46.199	ng	96
70) Pentachlorophenol	11.192	266	516140	87.755	ng	98
71) Phenanthrene	11.416	178	1996528	41.480	ng	99
72) Anthracene	11.469	178	2048102	41.431	ng	100
73) Carbazole	11.627	167	1854395	43.794	ng	100
74) Di-n-butylphthalate	11.963	149	2200910	43.687	ng	99
75) Fluoranthene	12.610	202	2031934	43.189	ng	99
77) Benzidine	12.745	184	241879	20.883	ng	98
78) Pyrene	12.839	202	2056221	44.276	ng	99
80) Butylbenzylphthalate	13.474	149	634954	53.536	ng	99
81) Benzo(a)anthracene	14.039	228	1443180	43.505	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	267633	30.296	ng	97
83) Chrysene	14.080	228	1439092	42.922	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	788900	52.332	ng	99
85) Di-n-octyl phthalate	14.668	149	1290073	44.823	ng	98
87) Indeno(1,2,3-cd)pyrene	17.162	276	1370395	48.517	ng	98
88) Benzo(b)fluoranthene	15.121	252	1197983	47.183	ng	100
89) Benzo(k)fluoranthene	15.157	252	1168108	42.833	ng	99
90) Benzo(a)pyrene	15.510	252	1068348	42.699	ng	99
91) Dibenzo(a,h)anthracene	17.192	278	1116085	48.710	ng	99
92) Benzo(g,h,i)perylene	17.651	276	1131827	48.099	ng	99

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

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