Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032224\
Data File : BF137682.D
Acq On : 22 Mar 2024 15:26
Operator : CG\JU
Sample : P1827-01MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11933MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024

Quant Time: Mar 22 15:52:36 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	193602	20.000	ng		0.00
21) Naphthalene-d8	8.010	136	728839	20.000	ng		0.00
39) Acenaphthene-d10	9.763	164	390519	20.000	ng		0.00
64) Phenanthrene-d10	11.245	188	573985	20.000	ng		0.00
76) Chrysene-d12	13.880	240	336291	20.000	ng		0.00
86) Perylene-d12	15.304	264	372839	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.351	112	1037123	81.134	ng		0.02
7) Phenol-d6	6.375	99	1403943	76.087	ng		0.00
23) Nitrobenzene-d5	7.298	82	874258	55.735	ng		0.00
42) 2,4,6-Tribromophenol	10.557	330	282409	82.349	ng		0.00
45) 2-Fluorobiphenyl	9.086	172	1268245	50.837	ng		0.00
79) Terphenyl-d14	12.827	244	936709	38.302	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.481	88	268991	38.485	ng		97
3) Pyridine	3.181	79	623691	36.999	ng		98
4) n-Nitrosodimethylamine	3.151	42	279045	41.431	ng	#	97
6) Aniline	6.392	93	419074	18.587	ng	#	37
8) 2-Chlorophenol	6.516	128	606068	44.952	ng		99
9) Benzaldehyde	6.275	77	114627	12.680	ng		98
10) Phenol	6.387	94	809855	40.778	ng		92
11) bis(2-Chloroethyl)ether	6.469	93	620556	42.640	ng		97
12) 1,3-Dichlorobenzene	6.669	146	633424	43.966	ng		97
13) 1,4-Dichlorobenzene	6.745	146	650831	44.152	ng		98
14) 1,2-Dichlorobenzene	6.898	146	615449	45.488	ng		98
15) Benzyl Alcohol	6.881	79	556758	48.468	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.004	45	900795	36.008	ng		89
17) 2-Methylphenol	6.992	107	481552	38.170	ng		96
18) Hexachloroethane	7.234	117	227049	46.778	ng		94
19) n-Nitroso-di-n-propyla...	7.151	70	448687	39.379	ng		98
20) 3+4-Methylphenols	7.151	107	575054	39.799	ng	#	78
22) Acetophenone	7.145	105	807281	45.778	ng		98
24) Nitrobenzene	7.316	77	677390	42.988	ng		99
25) Isophorone	7.557	82	1271409	42.664	ng		97
26) 2-Nitrophenol	7.634	139	313980	50.189	ng		94
27) 2,4-Dimethylphenol	7.675	122	422574	36.150	ng		99
28) bis(2-Chloroethoxy)met...	7.769	93	767475	43.893	ng		99
29) 2,4-Dichlorophenol	7.875	162	494651	46.107	ng		99
30) 1,2,4-Trichlorobenzene	7.951	180	526252	46.613	ng		99
31) Naphthalene	8.034	128	1689068	43.193	ng		100
32) Benzoic acid	7.828	122	308947	46.171	ng		96
33) 4-Chloroaniline	8.086	127	121730	7.939	ng		99
34) Hexachlorobutadiene	8.145	225	311022	46.663	ng		99
35) Caprolactam	8.469	113	167696m	46.098	ng		
36) 4-Chloro-3-methylphenol	8.581	107	537262	44.802	ng		98
37) 2-Methylnaphthalene	8.722	142	1061129	42.566	ng		100
38) 1-Methylnaphthalene	8.822	142	972047	41.405	ng		100
40) 1,2,4,5-Tetrachloroben...	8.892	216	522397	47.916	ng		99
41) Hexachlorocyclopentadiene	8.875	237	277677	64.223	ng		100
43) 2,4,6-Trichlorophenol	9.004	196	337489	47.536	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.051	196	360311	44.056	ng		95
46) 1,1'-Biphenyl	9.192	154	1281220	44.825	ng		98
47) 2-Chloronaphthalene	9.216	162	996244	45.716	ng		99
48) 2-Nitroaniline	9.316	65	341417	46.095	ng		97
49) Acenaphthylene	9.628	152	1543405	44.256	ng		100
50) Dimethylphthalate	9.498	163	1200412	44.158	ng		100
51) 2,6-Dinitrotoluene	9.557	165	258384	45.443	ng		99
52) Acenaphthene	9.798	154	884418	42.479	ng		99
53) 3-Nitroaniline	9.727	138	144331	23.998	ng		97
54) 2,4-Dinitrophenol	9.839	184	194294	71.081	ng		93
55) Dibenzofuran	9.975	168	1307919	41.245	ng		98
56) 4-Nitrophenol	9.904	139	325978	76.400	ng		95
57) 2,4-Dinitrotoluene	9.963	165	309166	44.258	ng		92
58) Fluorene	10.316	166	1006533	41.330	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.092	232	283018	43.154	ng		95
60) Diethylphthalate	10.192	149	1108693	43.188	ng		100
61) 4-Chlorophenyl-phenyle...	10.304	204	502385	42.092	ng		99
62) 4-Nitroaniline	10.345	138	183363	35.473	ng		95
63) Azobenzene	10.469	77	1183630	40.041	ng		96
65) 4,6-Dinitro-2-methylph...	10.369	198	146447	45.778	ng		93
66) n-Nitrosodiphenylamine	10.427	169	899439	48.663	ng		98
67) 4-Bromophenyl-phenylether	10.792	248	318104	50.883	ng		96
68) Hexachlorobenzene	10.857	284	322737	51.112	ng		94
69) Atrazine	10.957	200	283420	50.441	ng		97
70) Pentachlorophenol	11.057	266	324274	84.952	ng		99
71) Phenanthrene	11.274	178	1428500	45.730	ng		100
72) Anthracene	11.327	178	1406779	43.849	ng		99
73) Carbazole	11.480	167	1174041	42.722	ng		99
74) Di-n-butylphthalate	11.816	149	1562579	47.791	ng		100
75) Fluoranthene	12.457	202	1306798	42.798	ng		98
77) Benzidine	12.586	184	442178	53.729	ng		98
78) Pyrene	12.686	202	1319063	39.974	ng		100
80) Butylbenzylphthalate	13.310	149	500672	59.412	ng		93
81) Benzo(a)anthracene	13.874	228	1092620	46.356	ng		100
82) 3,3'-Dichlorobenzidine	13.839	252	285778	45.529	ng		99
83) Chrysene	13.910	228	1093662	45.909	ng		99
84) Bis(2-ethylhexyl)phtha...	13.868	149	677697	63.270	ng	#	97
85) Di-n-octyl phthalate	14.480	149	1246831	58.950	ng		97
87) Indeno(1,2,3-cd)pyrene	16.704	276	901552	36.745	ng		95
88) Benzo(b)fluoranthene	14.904	252	1171880	53.135	ng		98
89) Benzo(k)fluoranthene	14.927	252	1006393	42.483	ng		99
90) Benzo(a)pyrene	15.251	252	995554	45.806	ng		98
91) Dibenzo(a,h)anthracene	16.715	278	716451	35.997	ng		97
92) Benzo(g,h,i)perylene	17.121	276	665009	32.534	ng		98

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

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