Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011224\
Data File : BF137046.D
Acq On : 12 Jan 2024 13:57
Operator : CG\JU
Sample : PB158404BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB158404BS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024

Quant Time: Jan 12 15:00:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 01:54:25 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.787	152	71734	20.000	ng		0.00
21) Naphthalene-d8	8.063	136	278362	20.000	ng		0.00
39) Acenaphthene-d10	9.822	164	146380	20.000	ng		0.00
64) Phenanthrene-d10	11.316	188	277459	20.000	ng		0.00
76) Chrysene-d12	13.974	240	139833	20.000	ng		0.00
86) Perylene-d12	15.463	264	132142	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.446	112	520472	113.208	ng		0.02
7) Phenol-d6	6.445	99	654458	109.859	ng		0.00
23) Nitrobenzene-d5	7.357	82	401506	73.809	ng		0.00
42) 2,4,6-Tribromophenol	10.622	330	198916	115.384	ng		0.00
45) 2-Fluorobiphenyl	9.145	172	818165	75.176	ng		0.00
79) Terphenyl-d14	12.910	244	827190	82.668	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.622	88	63286	33.037	ng		95
3) Pyridine	3.399	79	142363	30.460	ng		96
4) n-Nitrosodimethylamine	3.357	42	86465	34.643	ng		99
6) Aniline	6.457	93	185552	31.153	ng	#	3
8) 2-Chlorophenol	6.581	128	201516	40.053	ng		93
9) Benzaldehyde	6.345	77	60389	17.822	ng		94
10) Phenol	6.457	94	241370	37.955	ng		94
11) bis(2-Chloroethyl)ether	6.528	93	187274	38.723	ng		97
12) 1,3-Dichlorobenzene	6.728	146	201148	36.649	ng		97
13) 1,4-Dichlorobenzene	6.804	146	205122	36.577	ng		97
14) 1,2-Dichlorobenzene	6.951	146	193756	37.130	ng		99
15) Benzyl Alcohol	6.940	79	154332	38.401	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	295368	37.356	ng		78
17) 2-Methylphenol	7.051	107	166427	39.930	ng		96
18) Hexachloroethane	7.287	117	73675	36.174	ng		99
19) n-Nitroso-di-n-propyla...	7.204	70	140801	38.990	ng		97
20) 3+4-Methylphenols	7.210	107	208713	40.082	ng	#	54
22) Acetophenone	7.198	105	281172	40.299	ng	#	89
24) Nitrobenzene	7.375	77	202366	37.136	ng		93
25) Isophorone	7.610	82	375699	37.956	ng		99
26) 2-Nitrophenol	7.687	139	107681	41.302	ng		98
27) 2,4-Dimethylphenol	7.728	122	180382	56.830	ng		97
28) bis(2-Chloroethoxy)met...	7.816	93	232554	38.651	ng		99
29) 2,4-Dichlorophenol	7.934	162	166404	40.722	ng		96
30) 1,2,4-Trichlorobenzene	8.004	180	171587	37.687	ng		95
31) Naphthalene	8.087	128	579979	37.926	ng		99
32) Benzoic acid	7.887	122	116106	37.805	ng		94
33) 4-Chloroaniline	8.139	127	121920	21.593	ng		98
34) Hexachlorobutadiene	8.198	225	102931	37.210	ng		97
35) Caprolactam	8.522	113	55774m	41.373	ng		
36) 4-Chloro-3-methylphenol	8.639	107	185028	40.220	ng		99
37) 2-Methylnaphthalene	8.775	142	379568	38.567	ng		100
38) 1-Methylnaphthalene	8.875	142	351814	36.436	ng		99
40) 1,2,4,5-Tetrachloroben...	8.945	216	179963	39.698	ng		99
41) Hexachlorocyclopentadiene	8.928	237	96725	67.719	ng		98
43) 2,4,6-Trichlorophenol	9.069	196	118390	40.722	ng		98

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44) 2,4,5-Trichlorophenol	9.116	196	123012	37.969	ng		96
46) 1,1'-Biphenyl	9.245	154	488875	39.799	ng		98
47) 2-Chloronaphthalene	9.269	162	355822	38.104	ng		99
48) 2-Nitroaniline	9.375	65	115381	39.457	ng		97
49) Acenaphthylene	9.686	152	571617	40.048	ng		100
50) Dimethylphthalate	9.551	163	426301	39.871	ng		99
51) 2,6-Dinitrotoluene	9.622	165	92494	38.117	ng		95
52) Acenaphthene	9.857	154	344057	38.887	ng		99
53) 3-Nitroaniline	9.792	138	76792	29.875	ng		90
54) 2,4-Dinitrophenol	9.910	184	83444	62.885	ng		95
55) Dibenzofuran	10.033	168	516156	38.485	ng		97
56) 4-Nitrophenol	9.975	139	104200	60.050	ng		92
57) 2,4-Dinitrotoluene	10.028	165	117210	37.208	ng	#	86
58) Fluorene	10.375	166	421708	39.628	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	105521	42.311	ng		96
60) Diethylphthalate	10.251	149	430772	38.831	ng		98
61) 4-Chlorophenyl-phenyle...	10.363	204	204128	39.463	ng		99
62) 4-Nitroaniline	10.410	138	84771	34.210	ng		95
63) Azobenzene	10.528	77	386428	37.295	ng		98
65) 4,6-Dinitro-2-methylph...	10.445	198	62270	39.161	ng		87
66) n-Nitrosodiphenylamine	10.492	169	374227	41.520	ng		98
67) 4-Bromophenyl-phenylether	10.857	248	126715	41.123	ng		96
68) Hexachlorobenzene	10.928	284	136255	39.679	ng		96
69) Atrazine	11.028	200	157065	68.132	ng		99
70) Pentachlorophenol	11.133	266	113913	71.169	ng		95
71) Phenanthrene	11.345	178	587740	41.284	ng		99
72) Anthracene	11.398	178	586813	40.700	ng		99
73) Carbazole	11.557	167	522966	38.472	ng		99
74) Di-n-butylphthalate	11.880	149	668214	40.285	ng		99
75) Fluoranthene	12.539	202	569862	37.421	ng		99
77) Benzidine	12.663	184	73198	17.753	ng		97
78) Pyrene	12.769	202	570638	41.571	ng		99
80) Butylbenzylphthalate	13.386	149	213020	42.648	ng		99
81) Benzo(a)anthracene	13.963	228	402530	41.456	ng		99
82) 3,3'-Dichlorobenzidine	13.927	252	109932	39.866	ng		97
83) Chrysene	14.004	228	371985	39.176	ng		97
84) Bis(2-ethylhexyl)phtha...	13.945	149	282497	44.952	ng		98
85) Di-n-octyl phthalate	14.563	149	428938	44.124	ng		98
87) Indeno(1,2,3-cd)pyrene	16.998	276	459199	48.130	ng		99
88) Benzo(b)fluoranthene	15.027	252	352701	39.962	ng		100
89) Benzo(k)fluoranthene	15.057	252	345031	41.372	ng		99
90) Benzo(a)pyrene	15.398	252	318755	42.786	ng		99
91) Dibenzo(a,h)anthracene	17.009	278	381733	48.769	ng		97
92) Benzo(g,h,i)perylene	17.456	276	387359	48.318	ng		99

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

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