Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051024\
Data File : BF137882.D
Acq On : 10 May 2024 15:47
Operator : CG\JU
Sample : PB160799BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB160779BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024

Quant Time: May 11 00:36:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 03:25:08 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.051	152	165287	20.000	ng	0.00
21) Naphthalene-d8	8.334	136	673221	20.000	ng	-0.01
39) Acenaphthene-d10	10.098	164	382267	20.000	ng	-0.01
64) Phenanthrene-d10	11.592	188	671326	20.000	ng	0.00
76) Chrysene-d12	14.245	240	409629	20.000	ng	0.00
86) Perylene-d12	15.810	264	345808	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	1230788	124.674	ng	0.01
7) Phenol-d6	6.669	99	1525955	121.864	ng	0.00
23) Nitrobenzene-d5	7.616	82	936968	80.859	ng	0.00
42) 2,4,6-Tribromophenol	10.898	330	504590	129.281	ng	0.00
45) 2-Fluorobiphenyl	9.410	172	1954384	82.945	ng	-0.01
79) Terphenyl-d14	13.180	244	2265650	92.692	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.087	88	155343	34.944	ng	99
3) Pyridine	3.810	79	390740	36.317	ng	98
4) n-Nitrosodimethylamine	3.781	42	190922	39.407	ng	95
6) Aniline	6.710	93	398283m	32.091	ng	
8) 2-Chlorophenol	6.834	128	484674	45.050	ng	99
9) Benzaldehyde	6.604	77	204136	30.272	ng	98
10) Phenol	6.681	94	544108	42.407	ng	96
11) bis(2-Chloroethyl)ether	6.781	93	425760	42.379	ng	99
12) 1,3-Dichlorobenzene	6.992	146	513787	42.350	ng	98
13) 1,4-Dichlorobenzene	7.069	146	516007	42.388	ng	99
14) 1,2-Dichlorobenzene	7.222	146	492922	42.991	ng	100
15) Benzyl Alcohol	7.187	79	383980	44.343	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.316	45	545373	38.621	ng	96
17) 2-Methylphenol	7.292	107	389804	44.903	ng	97
18) Hexachloroethane	7.563	117	177375	43.101	ng	97
19) n-Nitroso-di-n-propyla...	7.457	70	310030	41.430	ng	96
20) 3+4-Methylphenols	7.439	107	489498	42.859	ng	94
22) Acetophenone	7.457	105	639924	42.264	ng	98
24) Nitrobenzene	7.634	77	472461	39.560	ng	96
25) Isophorone	7.869	82	859483	41.138	ng	98
26) 2-Nitrophenol	7.945	139	263135	48.655	ng	90
27) 2,4-Dimethylphenol	7.975	122	354108	45.480	ng	97
28) bis(2-Chloroethoxy)met...	8.075	93	516864	40.859	ng	100
29) 2,4-Dichlorophenol	8.186	162	411988	43.778	ng	99
30) 1,2,4-Trichlorobenzene	8.275	180	433453	42.250	ng	99
31) Naphthalene	8.357	128	1401727	41.897	ng	100
32) Benzoic acid	8.092	122	288906	43.011	ng	96
33) 4-Chloroaniline	8.398	127	191875	15.466	ng	99
34) Hexachlorobutadiene	8.469	225	264670	42.020	ng	99
35) Caprolactam	8.775	113	131884m	44.230	ng	
36) 4-Chloro-3-methylphenol	8.875	107	426932	43.502	ng	95
37) 2-Methylnaphthalene	9.051	142	919098	42.440	ng	99
38) 1-Methylnaphthalene	9.151	142	847604	39.782	ng	100
40) 1,2,4,5-Tetrachloroben...	9.216	216	437445	43.206	ng	99
41) Hexachlorocyclopentadiene	9.198	237	480388	116.816	ng	100
43) 2,4,6-Trichlorophenol	9.322	196	297231	43.128	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.363	196	316970	41.652	ng		98
46) 1,1'-Biphenyl	9.516	154	1119822	42.685	ng		99
47) 2-Chloronaphthalene	9.545	162	866927	40.931	ng		100
48) 2-Nitroaniline	9.633	65	250632	43.632	ng		98
49) Acenaphthylene	9.963	152	1379204	45.015	ng		99
50) Dimethylphthalate	9.810	163	1048708	43.457	ng		100
51) 2,6-Dinitrotoluene	9.875	165	236597	42.901	ng		100
52) Acenaphthene	10.133	154	933428	45.962	ng		99
53) 3-Nitroaniline	10.045	138	164089	28.412	ng		95
54) 2,4-Dinitrophenol	10.151	184	257455	95.008	ng		90
55) Dibenzofuran	10.310	168	1252364	42.376	ng		97
56) 4-Nitrophenol	10.204	139	381153	79.629	ng		97
57) 2,4-Dinitrotoluene	10.286	165	326695	45.343	ng	#	86
58) Fluorene	10.651	166	982385	41.767	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.422	232	267806	43.347	ng		98
60) Diethylphthalate	10.516	149	982672	42.875	ng		99
61) 4-Chlorophenyl-phenyle...	10.639	204	481470	41.545	ng		99
62) 4-Nitroaniline	10.669	138	238847	40.773	ng		96
63) Azobenzene	10.798	77	906560	40.925	ng		98
65) 4,6-Dinitro-2-methylph...	10.692	198	176166	45.720	ng		88
66) n-Nitrosodiphenylamine	10.757	169	864867	43.038	ng		99
67) 4-Bromophenyl-phenylether	11.133	248	307246	42.764	ng		99
68) Hexachlorobenzene	11.198	284	331491	42.220	ng		98
69) Atrazine	11.280	200	293662	47.927	ng		99
70) Pentachlorophenol	11.392	266	410805	76.211	ng		100
71) Phenanthrene	11.622	178	1398770	42.748	ng		100
72) Anthracene	11.675	178	1434853	44.071	ng		100
73) Carbazole	11.822	167	1303197	41.533	ng		99
74) Di-n-butylphthalate	12.139	149	1513972	44.232	ng		99
75) Fluoranthene	12.816	202	1457628	40.752	ng		98
77) Benzidine	12.927	184	320428	33.823	ng		99
78) Pyrene	13.045	202	1488539	45.831	ng		99
80) Butylbenzylphthalate	13.651	149	548165	53.195	ng		99
81) Benzo(a)anthracene	14.233	228	1171008	44.696	ng		99
82) 3,3'-Dichlorobenzidine	14.192	252	255463	32.571	ng		99
83) Chrysene	14.274	228	1079165	43.991	ng		99
84) Bis(2-ethylhexyl)phtha...	14.204	149	704583	54.253	ng		99
85) Di-n-octyl phthalate	14.833	149	966567	55.301	ng		97
87) Indeno(1,2,3-cd)pyrene	17.451	276	952207	48.433	ng		99
88) Benzo(b)fluoranthene	15.339	252	930796	43.262	ng		99
89) Benzo(k)fluoranthene	15.374	252	908044	43.666	ng		99
90) Benzo(a)pyrene	15.745	252	826477	47.085	ng		99
91) Dibenzo(a,h)anthracene	17.468	278	773761	48.351	ng		100
92) Benzo(g,h,i)perylene	17.951	276	723783	43.144	ng		97

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

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