Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050324\
Data File : BF137832.D
Acq On : 03 May 2024 16:49
Operator : CG\JU
Sample : P2354-02MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 03 20:11:19 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

Instrument :
BNA_F
ClientSampleId :
V359MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.051	152	174837	20.000	ng	0.00
21) Naphthalene-d8	8.340	136	725489	20.000	ng	# 0.00
39) Acenaphthene-d10	10.098	164	410003	20.000	ng	-0.01
64) Phenanthrene-d10	11.592	188	631301	20.000	ng	0.00
76) Chrysene-d12	14.245	240	286230	20.000	ng	# 0.00
86) Perylene-d12	15.810	264	305123	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.699	112	1203956	115.294	ng	0.02
7) Phenol-d6	6.675	99	1449391	109.427	ng	0.00
23) Nitrobenzene-d5	7.622	82	1045644	83.737	ng	0.00
42) 2,4,6-Tribromophenol	10.898	330	538624	128.666	ng	0.00
45) 2-Fluorobiphenyl	9.416	172	2245858	88.868	ng	0.00
79) Terphenyl-d14	13.180	244	1856227	108.681	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.199	88	152379	32.405	ng	# 83
3) Pyridine	3.869	79	288871	25.382	ng	97
4) n-Nitrosodimethylamine	3.822	42	194849	38.021	ng	97
6) Aniline	6.716	93	230283	17.541	ng	98
8) 2-Chlorophenol	6.840	128	515271	45.278	ng	99
9) Benzaldehyde	6.610	77	171340	24.021	ng	96
10) Phenol	6.687	94	535052	39.423	ng	93
11) bis(2-Chloroethyl)ether	6.787	93	453150	42.641	ng	99
12) 1,3-Dichlorobenzene	6.998	146	505179	39.366	ng	96
13) 1,4-Dichlorobenzene	7.069	146	515196	40.010	ng	99
14) 1,2-Dichlorobenzene	7.222	146	504852	41.627	ng	97
15) Benzyl Alcohol	7.193	79	446219	48.715	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.316	45	585894	39.224	ng	96
17) 2-Methylphenol	7.293	107	421646	45.918	ng	98
18) Hexachloroethane	7.569	117	183430	42.138	ng	97
19) n-Nitroso-di-n-propyla...	7.463	70	359624	45.433	ng	98
20) 3+4-Methylphenols	7.445	107	526053	43.543	ng	92
22) Acetophenone	7.463	105	711258	43.591	ng	99
24) Nitrobenzene	7.640	77	526086	40.877	ng	94
25) Isophorone	7.875	82	1024249	45.493	ng	98
26) 2-Nitrophenol	7.951	139	281804	48.353	ng	94
27) 2,4-Dimethylphenol	7.975	122	399495	47.613	ng	93
28) bis(2-Chloroethoxy)met...	8.075	93	608517	44.639	ng	100
29) 2,4-Dichlorophenol	8.187	162	469779	46.322	ng	99
30) 1,2,4-Trichlorobenzene	8.275	180	471948	42.688	ng	99
31) Naphthalene	8.357	128	1529863	42.433	ng	100
32) Benzoic acid	8.098	122	329294	45.492	ng	96
33) 4-Chloroaniline	8.398	127	87670	6.557	ng	99
34) Hexachlorobutadiene	8.469	225	286199	42.164	ng	99
35) Caprolactam	8.781	113	126715m	39.435	ng	
36) 4-Chloro-3-methylphenol	8.881	107	486695	46.019	ng	96
37) 2-Methylnaphthalene	9.051	142	1051880	45.072	ng	99
38) 1-Methylnaphthalene	9.151	142	971439	42.310	ng	100
40) 1,2,4,5-Tetrachloroben...	9.216	216	493524	45.448	ng	99
41) Hexachlorocyclopentadiene	9.204	237	556078	126.074	ng	99
43) 2,4,6-Trichlorophenol	9.328	196	346416	46.864	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.369	196	369034	45.213	ng		97
46) 1,1'-Biphenyl	9.516	154	1297466	46.111	ng		99
47) 2-Chloronaphthalene	9.545	162	999915	44.016	ng		98
48) 2-Nitroaniline	9.639	65	271949	44.140	ng		95
49) Acenaphthylene	9.963	152	1575373	47.939	ng		100
50) Dimethylphthalate	9.816	163	1248164	48.223	ng		100
51) 2,6-Dinitrotoluene	9.881	165	271094	45.831	ng		94
52) Acenaphthene	10.134	154	1051802	48.287	ng		99
53) 3-Nitroaniline	10.051	138	123762	19.980	ng		98
54) 2,4-Dinitrophenol	10.157	184	267849	92.158	ng		93
55) Dibenzofuran	10.310	168	1388322	43.798	ng		98
56) 4-Nitrophenol	10.204	139	302123	58.849	ng		96
57) 2,4-Dinitrotoluene	10.286	165	347974	45.030	ng		96
58) Fluorene	10.651	166	1095170	43.412	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.422	232	295051	44.526	ng		98
60) Diethylphthalate	10.516	149	1170743	47.625	ng		100
61) 4-Chlorophenyl-phenyle...	10.639	204	554256	44.590	ng		96
62) 4-Nitroaniline	10.669	138	206654	32.891	ng		90
63) Azobenzene	10.804	77	1035948	43.603	ng		94
65) 4,6-Dinitro-2-methylph...	10.692	198	186954	51.596	ng		95
66) n-Nitrosodiphenylamine	10.763	169	948568	50.196	ng		100
67) 4-Bromophenyl-phenylether	11.133	248	341741	50.581	ng		96
68) Hexachlorobenzene	11.198	284	356535	48.289	ng		97
69) Atrazine	11.281	200	313081	54.336	ng		97
70) Pentachlorophenol	11.392	266	417264	82.317	ng		100
71) Phenanthrene	11.622	178	1421931	46.211	ng		100
72) Anthracene	11.675	178	1421942	46.444	ng		100
73) Carbazole	11.822	167	1163660	39.437	ng		98
74) Di-n-butylphthalate	12.145	149	1640056	50.954	ng		99
75) Fluoranthene	12.810	202	1204567	35.812	ng		100
77) Benzidine	12.927	184	62718	9.474	ng		99
78) Pyrene	13.045	202	1166595	51.404	ng		99
80) Butylbenzylphthalate	13.651	149	475134	65.985	ng		95
81) Benzo(a)anthracene	14.233	228	867028	47.360	ng		99
82) 3,3'-Dichlorobenzidine	14.192	252	160963	29.370	ng		98
83) Chrysene	14.269	228	818786	47.767	ng		98
84) Bis(2-ethylhexyl)phtha...	14.204	149	668397	73.654	ng	#	98
85) Di-n-octyl phthalate	14.833	149	1019807	83.502	ng		97
87) Indeno(1,2,3-cd)pyrene	17.445	276	732611	42.232	ng		98
88) Benzo(b)fluoranthene	15.339	252	868157	45.731	ng		99
89) Benzo(k)fluoranthene	15.374	252	802435	43.732	ng		99
90) Benzo(a)pyrene	15.745	252	761376	49.160	ng		99
91) Dibenzo(a,h)anthracene	17.468	278	587604	41.615	ng		99
92) Benzo(g,h,i)perylene	17.945	276	535885	36.203	ng		98

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

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