Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050124\
Data File : BF137801.D
Acq On : 01 May 2024 19:55
Operator : CG\JU
Sample : P2307-03MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1MS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024

Quant Time: May 02 01:32:31 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	7.057	152	185616	20.000	ng	0.00
21) Naphthalene-d8	8.339	136	752299	20.000	ng	0.00
39) Acenaphthene-d10	10.104	164	421609	20.000	ng	0.00
64) Phenanthrene-d10	11.598	188	723225	20.000	ng	0.00
76) Chrysene-d12	14.251	240	395681	20.000	ng	0.00
86) Perylene-d12	15.821	264	395938	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.698	112	1349527	121.730	ng	0.02
7) Phenol-d6	6.675	99	1639999	116.628	ng	0.00
23) Nitrobenzene-d5	7.622	82	1106518	85.454	ng	0.00
42) 2,4,6-Tribromophenol	10.898	330	589720	136.993	ng	0.00
45) 2-Fluorobiphenyl	9.416	172	2280860	87.768	ng	0.00
79) Terphenyl-d14	13.186	244	2451035	103.811	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.152	88	175350	35.124	ng	# 85
3) Pyridine	3.840	79	312128	25.833	ng	98
4) n-Nitrosodimethylamine	3.793	42	227959	41.898	ng	96
6) Aniline	6.722	93	144026	10.334	ng	100
8) 2-Chlorophenol	6.840	128	549152	45.453	ng	98
9) Benzaldehyde	6.610	77	175236	23.141	ng	98
10) Phenol	6.687	94	588613	40.851	ng	95
11) bis(2-Chloroethyl)ether	6.787	93	481968	42.719	ng	97
12) 1,3-Dichlorobenzene	6.998	146	547495	40.186	ng	99
13) 1,4-Dichlorobenzene	7.075	146	561796	41.095	ng	99
14) 1,2-Dichlorobenzene	7.228	146	540940	42.012	ng	98
15) Benzyl Alcohol	7.192	79	421921	43.388	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.316	45	651263	41.068	ng	99
17) 2-Methylphenol	7.298	107	443525	45.496	ng	99
18) Hexachloroethane	7.569	117	186077	40.263	ng	96
19) n-Nitroso-di-n-propyla...	7.463	70	369702	43.994	ng	97
20) 3+4-Methylphenols	7.445	107	576547	44.952	ng	98
22) Acetophenone	7.463	105	742310	43.873	ng	99
24) Nitrobenzene	7.640	77	554240	41.530	ng	97
25) Isophorone	7.875	82	1014641	43.460	ng	99
26) 2-Nitrophenol	7.951	139	295654	48.921	ng	90
27) 2,4-Dimethylphenol	7.981	122	415504	47.756	ng	97
28) bis(2-Chloroethoxy)met...	8.081	93	597981	42.303	ng	99
29) 2,4-Dichlorophenol	8.192	162	481087	45.747	ng	99
30) 1,2,4-Trichlorobenzene	8.281	180	478731	41.758	ng	98
31) Naphthalene	8.363	128	1591711	42.575	ng	99
32) Benzoic acid	8.087	122	348971m	46.493	ng	
33) 4-Chloroaniline	8.404	127	35922	2.591	ng	97
34) Hexachlorobutadiene	8.475	225	284504	40.421	ng	99
35) Caprolactam	8.775	113	147438m	44.249	ng	
36) 4-Chloro-3-methylphenol	8.881	107	503605	45.921	ng	96
37) 2-Methylnaphthalene	9.057	142	1067777	44.123	ng	99
38) 1-Methylnaphthalene	9.157	142	999672	41.988	ng	99
40) 1,2,4,5-Tetrachloroben...	9.222	216	503877	45.124	ng	99
41) Hexachlorocyclopentadiene	9.204	237	555362	122.445	ng	99
43) 2,4,6-Trichlorophenol	9.328	196	362787	47.728	ng	100

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.369	196	384550	45.817	ng		97
46)	1,1'-Biphenyl	9.522	154	1327409	45.877	ng		99
47)	2-Chloronaphthalene	9.551	162	1030943	44.133	ng		99
48)	2-Nitroaniline	9.639	65	290329	45.826	ng		99
49)	Acenaphthylene	9.969	152	1643156	48.626	ng		100
50)	Dimethylphthalate	9.816	163	1262457	47.433	ng		100
51)	2,6-Dinitrotoluene	9.881	165	287895	47.331	ng		97
52)	Acenaphthene	10.139	154	1114681	49.765	ng		99
53)	3-Nitroaniline	10.051	138	48758	7.655	ng		98
54)	2,4-Dinitrophenol	10.157	184	317106	106.102	ng		91
55)	Dibenzofuran	10.316	168	1501621	46.068	ng		97
56)	4-Nitrophenol	10.204	139	380077	71.995	ng		96
57)	2,4-Dinitrotoluene	10.286	165	386659	48.658	ng		99
58)	Fluorene	10.657	166	1184911	45.677	ng		100
59)	2,3,4,6-Tetrachlorophenol	10.428	232	320551	47.043	ng		99
60)	Diethylphthalate	10.522	149	1162465	45.987	ng		98
61)	4-Chlorophenyl-phenyle...	10.645	204	581536	45.497	ng		98
62)	4-Nitroaniline	10.669	138	180932	28.005	ng		98
63)	Azobenzene	10.804	77	1064674	43.578	ng		99
65)	4,6-Dinitro-2-methylph...	10.692	198	220683	53.163	ng		98
66)	n-Nitrosodiphenylamine	10.763	169	767966	35.474	ng		99
67)	4-Bromophenyl-phenylether	11.139	248	362649	46.853	ng		97
68)	Hexachlorobenzene	11.204	284	394453	46.634	ng		99
69)	Atrazine	11.280	200	173494	26.283	ng		98
70)	Pentachlorophenol	11.398	266	508475	87.561	ng		100
71)	Phenanthrene	11.628	178	1656952	47.004	ng		99
72)	Anthracene	11.680	178	1687516	48.112	ng		100
73)	Carbazole	11.828	167	1209325	35.776	ng		99
74)	Di-n-butylphthalate	12.151	149	1750061	47.461	ng		99
75)	Fluoranthene	12.822	202	1645512	42.703	ng		99
77)	Benzidine	12.933	184	33004	3.607	ng		97
78)	Pyrene	13.051	202	1643928	52.400	ng		100
80)	Butylbenzylphthalate	13.657	149	621388	62.426	ng		99
81)	Benzo(a)anthracene	14.239	228	1217153	48.095	ng		99
82)	3,3'-Dichlorobenzidine	14.198	252	19961	2.635	ng	#	98
83)	Chrysene	14.280	228	1157382	48.843	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.210	149	824618	65.733	ng		98
85)	Di-n-octyl phthalate	14.839	149	1216150	72.034	ng		99
87)	Indeno(1,2,3-cd)pyrene	17.468	276	1200381	53.326	ng		99
88)	Benzo(b)fluoranthene	15.351	252	1106246	44.907	ng		99
89)	Benzo(k)fluoranthene	15.380	252	1093351	45.920	ng		99
90)	Benzo(a)pyrene	15.757	252	1011273	50.319	ng		99
91)	Dibenzo(a,h)anthracene	17.486	278	965352	52.686	ng		99
92)	Benzo(g,h,i)perylene	17.968	276	901284	46.922	ng		98

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

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