Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090424\
Data File : BF139247.D
Acq On : 04 Sep 2024 18:47
Operator : RC/JU
Sample : IDOC-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Sep 05 04:32:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 04 16:11:43 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
IDOC-04

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/05/2024
Supervised By :mohammad ahmed 09/06/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.886	152	173266	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	651875	20.000	ng		0.00
39) Acenaphthene-d10	9.927	164	355772	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	648801	20.000	ng		0.00
76) Chrysene-d12	14.051	240	318364	20.000	ng		0.00
86) Perylene-d12	15.527	264	292683	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	1203360	116.183	ng		0.02
7) Phenol-d6	6.522	99	1579089	114.204	ng		0.00
23) Nitrobenzene-d5	7.457	82	1018527	81.283	ng		0.00
42) 2,4,6-Tribromophenol	10.721	330	370398	120.566	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	1746511	75.778	ng		0.00
79) Terphenyl-d14	12.998	244	1578655	80.061	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.781	88	137620	28.532	ng		97
3) Pyridine	3.522	79	341131	29.300	ng		99
4) n-Nitrosodimethylamine	3.487	42	331434	43.837	ng		99
6) Aniline	6.551	93	299221	23.533	ng	#	75
8) 2-Chlorophenol	6.675	128	486132	45.288	ng		98
9) Benzaldehyde	6.439	77	71429	8.534	ng		98
10) Phenol	6.539	94	612443	41.993	ng		93
11) bis(2-Chloroethyl)ether	6.628	93	467221	44.716	ng		99
12) 1,3-Dichlorobenzene	6.833	146	485750	39.980	ng		99
13) 1,4-Dichlorobenzene	6.910	146	493696	40.597	ng		100
14) 1,2-Dichlorobenzene	7.057	146	474223	41.811	ng		100
15) Benzyl Alcohol	7.033	79	457901	45.410	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	878882	44.185	ng		97
17) 2-Methylphenol	7.139	107	382067	43.574	ng		97
18) Hexachloroethane	7.404	117	181920	41.885	ng		99
19) n-Nitroso-di-n-propyla...	7.310	70	354588	44.527	ng		99
20) 3+4-Methylphenols	7.298	107	469688	42.503	ng		94
22) Acetophenone	7.304	105	608276	39.168	ng	#	99
24) Nitrobenzene	7.475	77	544624	40.950	ng		100
25) Isophorone	7.710	82	955117	44.584	ng		100
26) 2-Nitrophenol	7.786	139	249534	47.770	ng		99
27) 2,4-Dimethylphenol	7.822	122	351144	47.134	ng		99
28) bis(2-Chloroethoxy)met...	7.922	93	556934	43.635	ng		99
29) 2,4-Dichlorophenol	8.028	162	392094	43.957	ng		99
30) 1,2,4-Trichlorobenzene	8.110	180	418571	41.087	ng		100
31) Naphthalene	8.192	128	1352604	40.973	ng		99
32) Benzoic acid	7.951	122	289663	42.687	ng		99
33) 4-Chloroaniline	8.239	127	265061	23.189	ng		98
34) Hexachlorobutadiene	8.310	225	257215	39.845	ng		99
35) Caprolactam	8.622	113	118735m	42.997	ng		
36) 4-Chloro-3-methylphenol	8.722	107	423936	43.613	ng		99
37) 2-Methylnaphthalene	8.886	142	856452	41.467	ng		99
38) 1-Methylnaphthalene	8.986	142	805737	39.666	ng		99
40) 1,2,4,5-Tetrachloroben...	9.051	216	378313	37.584	ng		99
41) Hexachlorocyclopentadiene	9.039	237	304538	94.142	ng		98
43) 2,4,6-Trichlorophenol	9.163	196	288477	43.802	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.216	196	288707	41.833	ng		99
46)	1,1'-Biphenyl	9.351	154	1004829	38.121	ng		99
47)	2-Chloronaphthalene	9.374	162	811988	40.796	ng		99
48)	2-Nitroaniline	9.475	65	314317	45.848	ng		100
49)	Acenaphthylene	9.792	152	1323453	44.148	ng		99
50)	Dimethylphthalate	9.657	163	937788	43.490	ng		99
51)	2,6-Dinitrotoluene	9.716	165	208262	42.573	ng		99
52)	Acenaphthene	9.963	154	904497	45.491	ng		99
53)	3-Nitroaniline	9.880	138	175599	33.691	ng		96
54)	2,4-Dinitrophenol	9.986	184	228378	88.249	ng	#	72
55)	Dibenzofuran	10.139	168	1185058	41.572	ng		99
56)	4-Nitrophenol	10.045	139	332078	86.323	ng		99
57)	2,4-Dinitrotoluene	10.116	165	282716	45.406	ng		96
58)	Fluorene	10.480	166	902026	40.813	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.251	232	246369	45.350	ng		99
60)	Diethylphthalate	10.357	149	933962	44.012	ng		100
61)	4-Chlorophenyl-phenyle...	10.469	204	434581	40.773	ng		98
62)	4-Nitroaniline	10.504	138	210138	42.355	ng		99
63)	Azobenzene	10.633	77	971546	43.439	ng		99
65)	4,6-Dinitro-2-methylph...	10.527	198	152527	50.879	ng		93
66)	n-Nitrosodiphenylamine	10.592	169	804845	42.617	ng		100
67)	4-Bromophenyl-phenylether	10.963	248	265177	42.126	ng		97
68)	Hexachlorobenzene	11.021	284	299045	41.498	ng		98
69)	Atrazine	11.116	200	179174	41.122	ng		99
70)	Pentachlorophenol	11.216	266	336168	80.757	ng		98
71)	Phenanthrene	11.439	178	1287017	42.463	ng		99
72)	Anthracene	11.492	178	1275901	43.093	ng		99
73)	Carbazole	11.645	167	1172724	42.378	ng		100
74)	Di-n-butylphthalate	11.974	149	1339077	47.260	ng		100
75)	Fluoranthene	12.627	202	1259134	41.438	ng		100
77)	Benzidine	12.745	184	31669	4.940	ng		98
78)	Pyrene	12.857	202	1250736	40.669	ng		99
80)	Butylbenzylphthalate	13.474	149	389649	53.820	ng		99
81)	Benzo(a)anthracene	14.039	228	912517	44.887	ng		99
82)	3,3'-Dichlorobenzidine	14.004	252	218852	40.537	ng		99
83)	Chrysene	14.080	228	823612	43.409	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.033	149	436775	51.400	ng		99
85)	Di-n-octyl phthalate	14.651	149	800432	49.199	ng		100
87)	Indeno(1,2,3-cd)pyrene	17.015	276	837304	45.794	ng		99
88)	Benzo(b)fluoranthene	15.098	252	856179	50.795	ng		99
89)	Benzo(k)fluoranthene	15.127	252	804031	53.201	ng		99
90)	Benzo(a)pyrene	15.468	252	769398	53.757	ng		99
91)	Dibenzo(a,h)anthracene	17.033	278	698447	46.353	ng		99
92)	Benzo(g,h,i)perylene	17.462	276	644926	41.465	ng		99

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

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