Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090424\
Data File : BF139245.D
Acq On : 04 Sep 2024 17:48
Operator : RC/JU
Sample : IDOC-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Sep 04 18:27:13 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-02

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	146544	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	569414	20.000	ng		0.00
39) Acenaphthene-d10	9.927	164	309446	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	562871	20.000	ng		0.00
76) Chrysene-d12	14.051	240	270955	20.000	ng		0.00
86) Perylene-d12	15.527	264	254839	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	1112968	127.050	ng		0.02
7) Phenol-d6	6.522	99	1467225	125.463	ng		0.00
23) Nitrobenzene-d5	7.457	82	936662	85.575	ng		0.00
42) 2,4,6-Tribromophenol	10.722	330	336480	125.923	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	1628770	81.250	ng		0.00
79) Terphenyl-d14	12.998	244	1480010	88.192	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.799	88	135643	33.251	ng		96
3) Pyridine	3.534	79	328811	33.391	ng		99
4) n-Nitrosodimethylamine	3.493	42	286949	44.874	ng		99
6) Aniline	6.551	93	316943	29.472	ng	#	90
8) 2-Chlorophenol	6.675	128	424214	46.726	ng		97
9) Benzaldehyde	6.434	77	2381	0.336	ng		100
10) Phenol	6.534	94	545893	44.255	ng		95
11) bis(2-Chloroethyl)ether	6.628	93	406814	46.034	ng		100
12) 1,3-Dichlorobenzene	6.828	146	429928	41.838	ng		98
13) 1,4-Dichlorobenzene	6.904	146	436081	42.398	ng		99
14) 1,2-Dichlorobenzene	7.057	146	416535	43.422	ng		100
15) Benzyl Alcohol	7.028	79	395508	46.375	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	778697	46.287	ng		93
17) 2-Methylphenol	7.139	107	335527	45.244	ng		98
18) Hexachloroethane	7.398	117	160902	43.801	ng		98
19) n-Nitroso-di-n-propyla...	7.304	70	311645	46.270	ng		99
20) 3+4-Methylphenols	7.292	107	415170	44.420	ng		96
22) Acetophenone	7.298	105	570131	42.028	ng		98
24) Nitrobenzene	7.475	77	473269	40.738	ng		100
25) Isophorone	7.710	82	831778	44.449	ng		99
26) 2-Nitrophenol	7.786	139	212508	46.573	ng		99
27) 2,4-Dimethylphenol	7.822	122	307536	47.259	ng		100
28) bis(2-Chloroethoxy)met...	7.922	93	479545	43.012	ng		99
29) 2,4-Dichlorophenol	8.028	162	341899	43.880	ng		100
30) 1,2,4-Trichlorobenzene	8.110	180	370903	41.680	ng		99
31) Naphthalene	8.192	128	1188615	41.220	ng		99
32) Benzoic acid	7.945	122	252715	42.635	ng		100
33) 4-Chloroaniline	8.239	127	227294	22.765	ng		98
34) Hexachlorobutadiene	8.310	225	228207	40.471	ng		99
35) Caprolactam	8.610	113	109886m	45.555	ng		
36) 4-Chloro-3-methylphenol	8.722	107	372314	43.850	ng		99
37) 2-Methylnaphthalene	8.886	142	757227	41.972	ng		99
38) 1-Methylnaphthalene	8.986	142	698230	39.351	ng		100
40) 1,2,4,5-Tetrachloroben...	9.051	216	358093	40.901	ng		99
41) Hexachlorocyclopentadiene	9.039	237	330371	117.417	ng		98
43) 2,4,6-Trichlorophenol	9.163	196	247562	43.217	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	261987	43.644	ng		99
46) 1,1'-Biphenyl	9.351	154	943303	41.144	ng		99
47) 2-Chloronaphthalene	9.375	162	707000	40.839	ng		100
48) 2-Nitroaniline	9.469	65	275220	46.155	ng		97
49) Acenaphthylene	9.792	152	1167738	44.785	ng		100
50) Dimethylphthalate	9.651	163	821248	43.787	ng		99
51) 2,6-Dinitrotoluene	9.716	165	179052	42.081	ng		99
52) Acenaphthene	9.963	154	794300	45.929	ng		99
53) 3-Nitroaniline	9.880	138	146417	32.298	ng		97
54) 2,4-Dinitrophenol	9.986	184	193740	86.257	ng	#	70
55) Dibenzofuran	10.133	168	1047636	42.253	ng		99
56) 4-Nitrophenol	10.039	139	300863	89.917	ng		98
57) 2,4-Dinitrotoluene	10.116	165	246039	45.431	ng		99
58) Fluorene	10.480	166	797921	41.507	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	216047	45.722	ng		98
60) Diethylphthalate	10.351	149	815983	44.209	ng		100
61) 4-Chlorophenyl-phenyle...	10.469	204	384828	41.511	ng		100
62) 4-Nitroaniline	10.498	138	182598	42.314	ng		99
63) Azobenzene	10.627	77	849079	43.647	ng		100
65) 4,6-Dinitro-2-methylph...	10.522	198	125578	48.284	ng		98
66) n-Nitrosodiphenylamine	10.592	169	705757	43.075	ng		100
67) 4-Bromophenyl-phenylether	10.963	248	231878	42.459	ng		96
68) Hexachlorobenzene	11.022	284	260054	41.596	ng		98
69) Atrazine	11.116	200	175651	46.467	ng		99
70) Pentachlorophenol	11.216	266	303030	83.910	ng		98
71) Phenanthrene	11.439	178	1136004	43.202	ng		100
72) Anthracene	11.492	178	1129111	43.957	ng		100
73) Carbazole	11.645	167	1031339	42.959	ng		100
74) Di-n-butylphthalate	11.974	149	1170159	47.603	ng		99
75) Fluoranthene	12.627	202	1121925	42.559	ng		100
77) Benzidine	12.745	184	78676	14.421	ng		98
78) Pyrene	12.857	202	1118756	42.742	ng		99
80) Butylbenzylphthalate	13.474	149	323488	52.500	ng		99
81) Benzo(a)anthracene	14.039	228	789639	45.639	ng		100
82) 3,3'-Dichlorobenzidine	14.004	252	190642	41.491	ng		100
83) Chrysene	14.080	228	673851	41.730	ng		100
84) Bis(2-ethylhexyl)phtha...	14.033	149	348629	48.205	ng		99
85) Di-n-octyl phthalate	14.651	149	630283	45.519	ng		99
87) Indeno(1,2,3-cd)pyrene	17.009	276	734960	46.165	ng		99
88) Benzo(b)fluoranthene	15.092	252	721542	49.165	ng		100
89) Benzo(k)fluoranthene	15.121	252	622090	47.275	ng		99
90) Benzo(a)pyrene	15.462	252	630608	50.603	ng		99
91) Dibenzo(a,h)anthracene	17.033	278	604853	46.103	ng		99
92) Benzo(g,h,i)perylene	17.456	276	563497	41.610	ng		99

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

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