Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090424\
Data File : BF139244.D
Acq On : 04 Sep 2024 17:18
Operator : RC/JU
Sample : IDOC-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Sep 04 18:26:21 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-01

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	6.887	152	141866	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	545071	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	291531	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	536683	20.000	ng	0.00
76) Chrysene-d12	14.051	240	258768	20.000	ng	0.00
86) Perylene-d12	15.527	264	247673	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1060272	125.026	ng	0.01
7) Phenol-d6	6.522	99	1400087	123.670	ng	0.00
23) Nitrobenzene-d5	7.457	82	892259	85.159	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	327157	129.957	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1552287	82.193	ng	0.00
79) Terphenyl-d14	12.998	244	1407592	87.827	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.793	88	135423	34.291	ng	99
3) Pyridine	3.528	79	322791	33.861	ng	99
4) n-Nitrosodimethylamine	3.487	42	273517	44.184	ng	98
6) Aniline	6.551	93	307437	29.531	ng	93
8) 2-Chlorophenol	6.675	128	408104	46.434	ng	96
9) Benzaldehyde	6.434	77	2613	0.381	ng	97
10) Phenol	6.534	94	520276	43.569	ng	96
11) bis(2-Chloroethyl)ether	6.628	93	385865	45.103	ng	99
12) 1,3-Dichlorobenzene	6.828	146	415473	41.765	ng	98
13) 1,4-Dichlorobenzene	6.904	146	426553	42.839	ng	98
14) 1,2-Dichlorobenzene	7.057	146	405733	43.690	ng	99
15) Benzyl Alcohol	7.028	79	373655	45.257	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	738796	45.364	ng	93
17) 2-Methylphenol	7.139	107	318487	44.362	ng	97
18) Hexachloroethane	7.398	117	155943	43.851	ng	96
19) n-Nitroso-di-n-propyla...	7.304	70	293382	44.995	ng	99
20) 3+4-Methylphenols	7.292	107	396471	43.818	ng	96
22) Acetophenone	7.298	105	548087	42.208	ng	98
24) Nitrobenzene	7.475	77	449166	40.390	ng	99
25) Isophorone	7.710	82	789840	44.093	ng	100
26) 2-Nitrophenol	7.786	139	201899	46.224	ng	99
27) 2,4-Dimethylphenol	7.822	122	292091	46.890	ng	100
28) bis(2-Chloroethoxy)met...	7.922	93	456764	42.799	ng	99
29) 2,4-Dichlorophenol	8.028	162	321469	43.101	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	355362	41.717	ng	98
31) Naphthalene	8.192	128	1139512	41.282	ng	100
32) Benzoic acid	7.945	122	233834	41.211	ng	99
33) 4-Chloroaniline	8.239	127	225803	23.625	ng	98
34) Hexachlorobutadiene	8.310	225	216642	40.136	ng	100
35) Caprolactam	8.610	113	105623m	45.744	ng	
36) 4-Chloro-3-methylphenol	8.722	107	348706	42.903	ng	98
37) 2-Methylnaphthalene	8.886	142	726268	42.054	ng	97
38) 1-Methylnaphthalene	8.986	142	667186	39.281	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	342912	41.574	ng	99
41) Hexachlorocyclopentadiene	9.039	237	313124	118.126	ng	98
43) 2,4,6-Trichlorophenol	9.163	196	236542	43.831	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	245911	43.483	ng		97
46) 1,1'-Biphenyl	9.351	154	900456	41.688	ng		99
47) 2-Chloronaphthalene	9.375	162	675775	41.434	ng		100
48) 2-Nitroaniline	9.469	65	257482	45.834	ng		98
49) Acenaphthylene	9.792	152	1112346	45.282	ng		99
50) Dimethylphthalate	9.651	163	781564	44.232	ng		99
51) 2,6-Dinitrotoluene	9.710	165	173385	43.254	ng		98
52) Acenaphthene	9.963	154	748374	45.933	ng		99
53) 3-Nitroaniline	9.880	138	138947	32.533	ng		95
54) 2,4-Dinitrophenol	9.986	184	180774	85.502	ng	#	68
55) Dibenzofuran	10.133	168	1007478	43.130	ng		99
56) 4-Nitrophenol	10.039	139	292786	92.880	ng		99
57) 2,4-Dinitrotoluene	10.116	165	233701	45.805	ng		98
58) Fluorene	10.480	166	766935	42.347	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	204150	45.860	ng		99
60) Diethylphthalate	10.351	149	770371	44.303	ng		99
61) 4-Chlorophenyl-phenyle...	10.469	204	364360	41.718	ng		99
62) 4-Nitroaniline	10.498	138	177462	43.651	ng		99
63) Azobenzene	10.627	77	810505	44.224	ng		100
65) 4,6-Dinitro-2-methylph...	10.522	198	118365	47.732	ng		97
66) n-Nitrosodiphenylamine	10.592	169	668491	42.791	ng		100
67) 4-Bromophenyl-phenylether	10.963	248	221056	42.453	ng		97
68) Hexachlorobenzene	11.022	284	247668	41.548	ng		99
69) Atrazine	11.116	200	166970	46.326	ng		99
70) Pentachlorophenol	11.216	266	290800	84.453	ng		99
71) Phenanthrene	11.439	178	1074176	42.844	ng		100
72) Anthracene	11.492	178	1074867	43.887	ng		100
73) Carbazole	11.645	167	985847	43.068	ng		100
74) Di-n-butylphthalate	11.974	149	1100479	46.953	ng		100
75) Fluoranthene	12.627	202	1068944	42.528	ng		100
77) Benzidine	12.745	184	74081	14.218	ng		98
78) Pyrene	12.857	202	1055051	42.207	ng		100
80) Butylbenzylphthalate	13.474	149	303266	51.536	ng		99
81) Benzo(a)anthracene	14.039	228	712755	43.136	ng		99
82) 3,3'-Dichlorobenzidine	14.004	252	185442	42.260	ng		98
83) Chrysene	14.080	228	695623	45.107	ng		99
84) Bis(2-ethylhexyl)phtha...	14.033	149	342008	49.517	ng		100
85) Di-n-octyl phthalate	14.651	149	620405	46.916	ng		100
87) Indeno(1,2,3-cd)pyrene	17.009	276	733312	47.395	ng		99
88) Benzo(b)fluoranthene	15.092	252	704629	49.401	ng		100
89) Benzo(k)fluoranthene	15.127	252	610705	47.753	ng		100
90) Benzo(a)pyrene	15.462	252	620984	51.272	ng		100
91) Dibenzo(a,h)anthracene	17.033	278	608642	47.734	ng		100
92) Benzo(g,h,i)perylene	17.456	276	569017	43.233	ng		99

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

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