Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100724\
Data File : BF139682.D
Acq On : 07 Oct 2024 13:09
Operator : RC/JU
Sample : PB163898BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 07 13:35:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 02 04:58:47 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB163898BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	91000	20.000	ng		0.00
21) Naphthalene-d8	8.151	136	356324	20.000	ng		0.00
39) Acenaphthene-d10	9.910	164	206458	20.000	ng		0.00
64) Phenanthrene-d10	11.392	188	401377	20.000	ng		0.00
76) Chrysene-d12	14.039	240	245646	20.000	ng		0.00
86) Perylene-d12	15.504	264	177823	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	771665	146.976	ng		0.02
7) Phenol-d6	6.510	99	1040533	147.374	ng		0.00
23) Nitrobenzene-d5	7.433	82	680839	96.741	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	295646	148.341	ng		0.00
45) 2-Fluorobiphenyl	9.227	172	1259952	93.688	ng		0.00
79) Terphenyl-d14	12.980	244	1510101	100.870	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.740	88	98595	43.436	ng		99
3) Pyridine	3.481	79	268489	48.634	ng		96
4) n-Nitrosodimethylamine	3.446	42	185327	51.286	ng		97
6) Aniline	6.534	93	366106	58.434	ng	#	86
8) 2-Chlorophenol	6.657	128	307357	54.641	ng		98
9) Benzaldehyde	6.422	77	99180	26.518	ng		98
10) Phenol	6.522	94	399001	53.744	ng		86
11) bis(2-Chloroethyl)ether	6.604	93	302285	50.007	ng		98
12) 1,3-Dichlorobenzene	6.810	146	312494	49.383	ng		99
13) 1,4-Dichlorobenzene	6.886	146	315985	49.303	ng		100
14) 1,2-Dichlorobenzene	7.039	146	307038	51.117	ng		98
15) Benzyl Alcohol	7.016	79	288172	53.418	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.139	45	536193	51.239	ng		78
17) 2-Methylphenol	7.128	107	251739	53.608	ng		99
18) Hexachloroethane	7.381	117	118200	49.445	ng		99
19) n-Nitroso-di-n-propyla...	7.286	70	233118	51.356	ng		98
20) 3+4-Methylphenols	7.281	107	311065	52.738	ng		96
22) Acetophenone	7.281	105	420372	49.701	ng		98
24) Nitrobenzene	7.457	77	351313	48.207	ng		99
25) Isophorone	7.692	82	635721	50.858	ng		100
26) 2-Nitrophenol	7.769	139	163730	52.261	ng		99
27) 2,4-Dimethylphenol	7.804	122	237994m	62.053	ng		
28) bis(2-Chloroethoxy)met...	7.898	93	370342	49.616	ng		100
29) 2,4-Dichlorophenol	8.016	162	265788	53.130	ng		98
30) 1,2,4-Trichlorobenzene	8.092	180	267491	47.281	ng		100
31) Naphthalene	8.175	128	898201	49.302	ng		100
32) Benzoic acid	7.945	122	192352	50.438	ng		98
33) 4-Chloroaniline	8.222	127	148766	24.124	ng		98
34) Hexachlorobutadiene	8.286	225	172393	47.087	ng		99
35) Caprolactam	8.604	113	90559m	55.192	ng		
36) 4-Chloro-3-methylphenol	8.710	107	301136	53.177	ng		99
37) 2-Methylnaphthalene	8.863	142	592020	49.894	ng		100
38) 1-Methylnaphthalene	8.963	142	554506	47.810	ng		100
40) 1,2,4,5-Tetrachloroben...	9.033	216	275405	48.038	ng		98
41) Hexachlorocyclopentadiene	9.016	237	321745	183.028	ng		99
43) 2,4,6-Trichlorophenol	9.145	196	198300	51.309	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	210134	50.417	ng	100
46) 1,1'-Biphenyl	9.327	154	741322	48.277	ng	100
47) 2-Chloronaphthalene	9.357	162	557975	48.470	ng	99
48) 2-Nitroaniline	9.451	65	221144	53.515	ng	99
49) Acenaphthylene	9.769	152	936004	53.465	ng	99
50) Dimethylphthalate	9.633	163	709940	52.530	ng	100
51) 2,6-Dinitrotoluene	9.698	165	152333	49.897	ng	95
52) Acenaphthene	9.939	154	675390m	56.196	ng	
53) 3-Nitroaniline	9.863	138	121440	38.925	ng	99
54) 2,4-Dinitrophenol	9.975	184	191683	116.732	ng	98
55) Dibenzofuran	10.116	168	856867	50.921	ng	100
56) 4-Nitrophenol	10.039	139	254032	106.773	ng	97
57) 2,4-Dinitrotoluene	10.104	165	211996	53.124	ng	96
58) Fluorene	10.457	166	669331	49.940	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	185099	54.986	ng	99
60) Diethylphthalate	10.333	149	721070	51.655	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	328305	48.963	ng	99
62) 4-Nitroaniline	10.486	138	175377	54.956	ng	97
63) Azobenzene	10.610	77	726187	51.729	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	125255	55.254	ng	99
66) n-Nitrosodiphenylamine	10.569	169	606821	51.290	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	201514	48.967	ng	98
68) Hexachlorobenzene	11.004	284	221995	48.613	ng	100
69) Atrazine	11.098	200	201845	63.587	ng	98
70) Pentachlorophenol	11.204	266	262023	96.362	ng	98
71) Phenanthrene	11.421	178	993348	52.488	ng	100
72) Anthracene	11.474	178	1004132	53.632	ng	100
73) Carbazole	11.627	167	944851	52.543	ng	100
74) Di-n-butylphthalate	11.951	149	1164948	53.274	ng	100
75) Fluoranthene	12.610	202	1086310	52.509	ng	100
77) Benzidine	12.727	184	384907	88.833	ng	100
78) Pyrene	12.839	202	1121093	51.028	ng	99
80) Butylbenzylphthalate	13.451	149	443244	56.402	ng	100
81) Benzo(a)anthracene	14.027	228	874551	54.151	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	195234	39.499	ng	100
83) Chrysene	14.062	228	778254	52.708	ng	100
84) Bis(2-ethylhexyl)phtha...	14.010	149	582939	59.405	ng	100
85) Di-n-octyl phthalate	14.621	149	816089	56.608	ng	99
87) Indeno(1,2,3-cd)pyrene	16.986	276	594282	56.781	ng	100
88) Benzo(b)fluoranthene	15.074	252	647061	56.277	ng	99
89) Benzo(k)fluoranthene	15.104	252	521199	53.439	ng	100
90) Benzo(a)pyrene	15.445	252	519722	57.327	ng	99
91) Dibenzo(a,h)anthracene	16.998	278	488811	56.309	ng	99
92) Benzo(g,h,i)perylene	17.433	276	457166	52.511	ng	98

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

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