Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110824\
Data File : BF140290.D
Acq On : 08 Nov 2024 11:22
Operator : RC/JU
Sample : PB164680BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 08 11:53:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 05 16:47:56 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB164680BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	146386	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	577855	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	358934	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	682080	20.000	ng	0.00
76) Chrysene-d12	14.063	240	432746	20.000	ng	0.00
86) Perylene-d12	15.563	264	360367	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1202714	136.157	ng	0.02
7) Phenol-d6	6.510	99	1527418	134.435	ng	0.00
23) Nitrobenzene-d5	7.439	82	1041428	89.604	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	600296	169.199	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	2005414	89.216	ng	0.00
79) Terphenyl-d14	12.998	244	2646767	100.191	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.757	88	161383	39.739	ng	94
3) Pyridine	3.504	79	413266	41.705	ng	95
4) n-Nitrosodimethylamine	3.463	42	250442	43.776	ng	89
6) Aniline	6.540	93	481910	46.947	ng	96
8) 2-Chlorophenol	6.663	128	491835	53.215	ng	93
9) Benzaldehyde	6.428	77	73330	10.478	ng	95
10) Phenol	6.522	94	606766	50.284	ng	98
11) bis(2-Chloroethyl)ether	6.616	93	458824	50.053	ng	96
12) 1,3-Dichlorobenzene	6.822	146	512487	47.318	ng	98
13) 1,4-Dichlorobenzene	6.898	146	519202	47.531	ng	99
14) 1,2-Dichlorobenzene	7.045	146	506135	49.610	ng	98
15) Benzyl Alcohol	7.016	79	457858	52.275	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.151	45	712949	48.049	ng	98
17) 2-Methylphenol	7.128	107	403115	52.285	ng	98
18) Hexachloroethane	7.392	117	194234	47.736	ng	98
19) n-Nitroso-di-n-propyla...	7.292	70	358387	49.444	ng	94
20) 3+4-Methylphenols	7.281	107	496078	51.231	ng	99
22) Acetophenone	7.287	105	662646	46.251	ng	96
24) Nitrobenzene	7.463	77	543033	44.527	ng	96
25) Isophorone	7.698	82	988088	49.373	ng	98
26) 2-Nitrophenol	7.775	139	258967	53.382	ng	95
27) 2,4-Dimethylphenol	7.810	122	404021	61.217	ng	96
28) bis(2-Chloroethoxy)met...	7.904	93	586622	48.983	ng	100
29) 2,4-Dichlorophenol	8.016	162	424553	51.999	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	449175	45.910	ng	99
31) Naphthalene	8.181	128	1408645	47.207	ng	100
32) Benzoic acid	7.934	122	293655	54.218	ng	96
33) 4-Chloroaniline	8.228	127	224455	22.849	ng	96
34) Hexachlorobutadiene	8.298	225	306597	46.298	ng	99
35) Caprolactam	8.604	113	126374m	50.881	ng	
36) 4-Chloro-3-methylphenol	8.710	107	480263	52.831	ng	97
37) 2-Methylnaphthalene	8.869	142	973031	49.964	ng	99
38) 1-Methylnaphthalene	8.969	142	909073	47.625	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	485301	46.185	ng	98
41) Hexachlorocyclopentadiene	9.022	237	577632	196.177	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	341255	52.408	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	347643	50.776	ng	97
46) 1,1'-Biphenyl	9.339	154	1214929	46.828	ng	99
47) 2-Chloronaphthalene	9.363	162	896372	45.904	ng	99
48) 2-Nitroaniline	9.457	65	322345	49.361	ng	97
49) Acenaphthylene	9.781	152	1444545	52.252	ng	100
50) Dimethylphthalate	9.645	163	1151608	52.096	ng	99
51) 2,6-Dinitrotoluene	9.704	165	268989	51.768	ng	94
52) Acenaphthene	9.951	154	1081287m	55.143	ng	
53) 3-Nitroaniline	9.875	138	156916	32.072	ng	94
54) 2,4-Dinitrophenol	9.986	184	297697	113.928	ng	87
55) Dibenzofuran	10.128	168	1363940	49.743	ng	99
56) 4-Nitrophenol	10.039	139	402187	116.909	ng	97
57) 2,4-Dinitrotoluene	10.116	165	359490	53.315	ng	97
58) Fluorene	10.475	166	1086752	49.790	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	326317	58.181	ng	95
60) Diethylphthalate	10.345	149	1143502	52.056	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	552803	50.253	ng	96
62) 4-Nitroaniline	10.498	138	263768	54.250	ng	93
63) Azobenzene	10.622	77	1123129	49.322	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	217682	60.766	ng	94
66) n-Nitrosodiphenylamine	10.580	169	965701	49.226	ng	100
67) 4-Bromophenyl-phenylether	10.951	248	372643	50.735	ng	98
68) Hexachlorobenzene	11.022	284	423022	50.527	ng	94
69) Atrazine	11.110	200	368449	68.648	ng	98
70) Pentachlorophenol	11.216	266	501971	111.658	ng	98
71) Phenanthrene	11.439	178	1629896	50.072	ng	100
72) Anthracene	11.492	178	1664228	52.139	ng	100
73) Carbazole	11.645	167	1467663	50.323	ng	100
74) Di-n-butylphthalate	11.969	149	1823258	52.813	ng	100
75) Fluoranthene	12.627	202	1754421	51.545	ng	99
77) Benzidine	12.745	184	447314	52.868	ng	98
78) Pyrene	12.857	202	1798004	50.321	ng	100
80) Butylbenzylphthalate	13.474	149	718200	55.821	ng	94
81) Benzo(a)anthracene	14.051	228	1436037	51.709	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	317181	36.369	ng	99
83) Chrysene	14.092	228	1351833	51.980	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	985096	54.629	ng	99
85) Di-n-octyl phthalate	14.668	149	1511735	55.698	ng	96
87) Indeno(1,2,3-cd)pyrene	17.080	276	1123887	53.130	ng	99
88) Benzo(b)fluoranthene	15.127	252	1254909	57.570	ng	100
89) Benzo(k)fluoranthene	15.157	252	955177	47.754	ng	99
90) Benzo(a)pyrene	15.504	252	1015219	56.489	ng	99
91) Dibenzo(a,h)anthracene	17.098	278	910373	52.310	ng	99
92) Benzo(g,h,i)perylene	17.545	276	840394	47.337	ng	98

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

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