Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111424\
Data File : BF140354.D
Acq On : 14 Nov 2024 11:01
Operator : RC/JU
Sample : PB164911BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 14 11:46:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 14:40:06 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB164911BSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	151652	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	590383	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	317102	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	623331	20.000	ng	0.00
76) Chrysene-d12	14.057	240	351921	20.000	ng	0.00
86) Perylene-d12	15.551	264	286642	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	830630	93.517	ng	0.01
7) Phenol-d6	6.510	99	1131539	94.030	ng	0.00
23) Nitrobenzene-d5	7.445	82	1038462	91.647	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	310354	98.421	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1820812	92.306	ng	0.00
79) Terphenyl-d14	12.986	244	2082804	102.731	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.740	88	155677	39.325	ng	99
3) Pyridine	3.493	79	392053	40.284	ng	99
4) n-Nitrosodimethylamine	3.452	42	229724	46.704	ng	98
6) Aniline	6.540	93	449786	42.966	ng	96
8) 2-Chlorophenol	6.663	128	478938	50.197	ng	98
10) Phenol	6.522	94	624816	49.234	ng	99
11) bis(2-Chloroethyl)ether	6.616	93	449030	46.698	ng	99
12) 1,3-Dichlorobenzene	6.822	146	474881	45.110	ng	99
13) 1,4-Dichlorobenzene	6.898	146	479691	44.939	ng	100
14) 1,2-Dichlorobenzene	7.045	146	465809	47.007	ng	99
15) Benzyl Alcohol	7.022	79	439444	50.685	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	652660	49.139	ng	99
17) 2-Methylphenol	7.128	107	395954	50.448	ng	99
18) Hexachloroethane	7.387	117	177255	44.919	ng	97
19) n-Nitroso-di-n-propyla...	7.292	70	348561	47.959	ng	99
20) 3+4-Methylphenols	7.281	107	472127	48.099	ng	99
22) Acetophenone	7.287	105	631429	45.985	ng	98
24) Nitrobenzene	7.463	77	531212	45.027	ng	99
25) Isophorone	7.698	82	975290	48.565	ng	100
26) 2-Nitrophenol	7.775	139	252849	48.297	ng	98
27) 2,4-Dimethylphenol	7.810	122	451235	67.323	ng	99
28) bis(2-Chloroethoxy)met...	7.904	93	586265	47.610	ng	100
29) 2,4-Dichlorophenol	8.016	162	396175	47.827	ng	98
30) 1,2,4-Trichlorobenzene	8.098	180	417365	45.256	ng	99
31) Naphthalene	8.181	128	1354453	45.225	ng	100
32) Benzoic acid	7.939	122	272032	46.125	ng	96
33) 4-Chloroaniline	8.228	127	313329	30.083	ng	99
34) Hexachlorobutadiene	8.292	225	256598	43.669	ng	99
35) Caprolactam	8.598	113	131997m	47.944	ng	
36) 4-Chloro-3-methylphenol	8.710	107	447532	48.752	ng	100
37) 2-Methylnaphthalene	8.869	142	883352	45.999	ng	99
38) 1-Methylnaphthalene	8.969	142	817035	43.447	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	409732	46.726	ng	99
41) Hexachlorocyclopentadiene	9.022	237	448721	199.304	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	290702	50.515	ng	99
44) 2,4,5-Trichlorophenol	9.198	196	308570	49.043	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.333	154	1092386	47.353	ng	99
47) 2-Chloronaphthalene	9.363	162	827908	47.112	ng	99
48) 2-Nitroaniline	9.457	65	297803	51.099	ng	97
49) Acenaphthylene	9.775	152	1335482	50.229	ng	99
50) Dimethylphthalate	9.639	163	1031539	49.908	ng	99
51) 2,6-Dinitrotoluene	9.698	165	232900	49.427	ng	98
52) Acenaphthene	9.951	154	976575	54.381	ng	99
53) 3-Nitroaniline	9.869	138	179363	36.246	ng	99
54) 2,4-Dinitrophenol	9.980	184	274059	112.786	ng	99
55) Dibenzofuran	10.122	168	1243303	48.907	ng	99
56) 4-Nitrophenol	10.033	139	390105	108.077	ng	98
57) 2,4-Dinitrotoluene	10.104	165	309092	49.842	ng	97
58) Fluorene	10.463	166	950777	47.342	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.239	232	272385	54.829	ng	99
60) Diethylphthalate	10.339	149	1035417	48.991	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	466316	47.032	ng	98
62) 4-Nitroaniline	10.486	138	239658	47.365	ng	99
63) Azobenzene	10.616	77	1014776	48.594	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	177654	52.973	ng	98
66) n-Nitrosodiphenylamine	10.575	169	868223	48.207	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	289084	46.395	ng	99
68) Hexachlorobenzene	11.016	284	319312	45.547	ng	97
69) Atrazine	11.104	200	275558	50.571	ng	99
70) Pentachlorophenol	11.210	266	337974	89.496	ng	99
71) Phenanthrene	11.427	178	1391714	47.529	ng	99
72) Anthracene	11.480	178	1366110	47.604	ng	100
73) Carbazole	11.633	167	1334712	47.103	ng	100
74) Di-n-butylphthalate	11.963	149	1637777	48.157	ng	100
75) Fluoranthene	12.616	202	1518924	46.237	ng	99
77) Benzidine	12.733	184	209141	15.484	ng	99
78) Pyrene	12.845	202	1509058	50.131	ng	100
80) Butylbenzylphthalate	13.463	149	637437	55.123	ng	97
81) Benzo(a)anthracene	14.045	228	1146530	49.571	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	297903	40.522	ng	98
83) Chrysene	14.080	228	1001293	47.447	ng	100
84) Bis(2-ethylhexyl)phtha...	14.021	149	847008	54.876	ng	99
85) Di-n-octyl phthalate	14.657	149	1155238	53.142	ng	100
87) Indeno(1,2,3-cd)pyrene	17.062	276	1005122	56.765	ng	100
88) Benzo(b)fluoranthene	15.115	252	952128	50.778	ng	99
89) Benzo(k)fluoranthene	15.151	252	848640	55.402	ng	99
90) Benzo(a)pyrene	15.492	252	773381	53.113	ng	99
91) Dibenzo(a,h)anthracene	17.080	278	844804	57.720	ng	99
92) Benzo(g,h,i)perylene	17.515	276	817436	54.630	ng	98

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

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