Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111824\
Data File : BF140449.D
Acq On : 18 Nov 2024 12:50
Operator : RC/JU
Sample : PB164940BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 18 13:22:55 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 :
PB164940BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	140752	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	537412	20.000	ng		0.00
39) Acenaphthene-d10	9.910	164	299132	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	551457	20.000	ng		0.00
76) Chrysene-d12	14.057	240	299750	20.000	ng		0.00
86) Perylene-d12	15.562	264	260212	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	990344	120.133	ng		0.02
7) Phenol-d6	6.516	99	1299695	116.367	ng		0.01
23) Nitrobenzene-d5	7.439	82	860454	83.422	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	378900	127.377	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	1583258	85.085	ng		0.00
79) Terphenyl-d14	12.986	244	1702760	98.603	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.734	88	136863	37.250	ng		98
3) Pyridine	3.493	79	349467	38.689	ng		99
4) n-Nitrosodimethylamine	3.446	42	187353	41.039	ng		100
6) Aniline	6.539	93	362848	37.346	ng	#	52
8) 2-Chlorophenol	6.663	128	400974	45.281	ng		98
9) Benzaldehyde	6.428	77	276526	41.310	ng		100
10) Phenol	6.534	94	496736	42.173	ng		77
11) bis(2-Chloroethyl)ether	6.610	93	386155	43.269	ng		99
12) 1,3-Dichlorobenzene	6.816	146	412989	42.269	ng		100
13) 1,4-Dichlorobenzene	6.892	146	412142	41.601	ng		99
14) 1,2-Dichlorobenzene	7.045	146	399233	43.408	ng		99
15) Benzyl Alcohol	7.022	79	357732	44.456	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	522444	42.381	ng		68
17) 2-Methylphenol	7.134	107	317788	43.624	ng	#	93
18) Hexachloroethane	7.386	117	155367	42.421	ng		99
19) n-Nitroso-di-n-propyla...	7.286	70	286722	42.505	ng		99
20) 3+4-Methylphenols	7.286	107	399598	43.863	ng		96
22) Acetophenone	7.281	105	531297	42.507	ng		99
24) Nitrobenzene	7.457	77	442798	41.232	ng		99
25) Isophorone	7.692	82	795927	43.540	ng		100
26) 2-Nitrophenol	7.775	139	211119	44.301	ng		98
27) 2,4-Dimethylphenol	7.810	122	324782	53.233	ng		97
28) bis(2-Chloroethoxy)met...	7.898	93	483647	43.148	ng		99
29) 2,4-Dichlorophenol	8.016	162	336895	44.680	ng		99
30) 1,2,4-Trichlorobenzene	8.098	180	351176	41.833	ng		99
31) Naphthalene	8.175	128	1162230	42.632	ng		99
32) Benzoic acid	7.939	122	221567	41.271	ng		96
33) 4-Chloroaniline	8.228	127	184177	19.426	ng		99
34) Hexachlorobutadiene	8.292	225	225562	42.171	ng		99
35) Caprolactam	8.592	113	106948m	42.675	ng		
36) 4-Chloro-3-methylphenol	8.716	107	368572	44.108	ng		99
37) 2-Methylnaphthalene	8.869	142	764580	43.738	ng		100
38) 1-Methylnaphthalene	8.969	142	710109	41.483	ng		99
40) 1,2,4,5-Tetrachloroben...	9.033	216	355029	42.919	ng		99
41) Hexachlorocyclopentadiene	9.016	237	362772	170.808	ng		99
43) 2,4,6-Trichlorophenol	9.151	196	238713	43.973	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	254207	42.830	ng	98
46) 1,1'-Biphenyl	9.333	154	947471	43.538	ng	100
47) 2-Chloronaphthalene	9.357	162	703374	42.430	ng	99
48) 2-Nitroaniline	9.457	65	235769	42.885	ng	99
49) Acenaphthylene	9.775	152	1174308	46.820	ng	100
50) Dimethylphthalate	9.633	163	871777	44.712	ng	100
51) 2,6-Dinitrotoluene	9.698	165	186257	41.903	ng	98
52) Acenaphthene	9.945	154	828005m	48.877	ng	
53) 3-Nitroaniline	9.869	138	120934	25.907	ng	99
54) 2,4-Dinitrophenol	9.980	184	204580	89.250	ng	98
55) Dibenzofuran	10.122	168	1063312	44.339	ng	100
56) 4-Nitrophenol	10.045	139	270938	79.571	ng	98
57) 2,4-Dinitrotoluene	10.104	165	258368	44.165	ng	99
58) Fluorene	10.463	166	815858	43.065	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	208761	44.546	ng	98
60) Diethylphthalate	10.333	149	874959	43.886	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	408496	43.676	ng	100
62) 4-Nitroaniline	10.486	138	194597	40.770	ng	99
63) Azobenzene	10.616	77	858363	43.573	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	144140	48.582	ng	95
66) n-Nitrosodiphenylamine	10.574	169	728155	45.700	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	248898	45.152	ng	98
68) Hexachlorobenzene	11.010	284	277399	44.725	ng	100
69) Atrazine	11.098	200	241644	50.127	ng	99
70) Pentachlorophenol	11.210	266	278698	83.419	ng	99
71) Phenanthrene	11.427	178	1173497	45.300	ng	100
72) Anthracene	11.480	178	1191380	46.926	ng	100
73) Carbazole	11.633	167	1080506	43.102	ng	100
74) Di-n-butylphthalate	11.957	149	1344754	44.694	ng	100
75) Fluoranthene	12.616	202	1235731	42.519	ng	100
77) Benzidine	12.739	184	316507	27.511	ng	98
78) Pyrene	12.845	202	1257665	49.051	ng	100
80) Butylbenzylphthalate	13.463	149	490842	49.834	ng	96
81) Benzo(a)anthracene	14.045	228	887051	45.027	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	174512	27.870	ng	100
83) Chrysene	14.080	228	813865	45.278	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	634392	48.254	ng	99
85) Di-n-octyl phthalate	14.662	149	822603	44.427	ng	99
87) Indeno(1,2,3-cd)pyrene	17.074	276	835795	51.997	ng	100
88) Benzo(b)fluoranthene	15.127	252	696487	40.917	ng	99
89) Benzo(k)fluoranthene	15.157	252	630794	45.363	ng	100
90) Benzo(a)pyrene	15.498	252	642643	48.617	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	679502	51.142	ng	100
92) Benzo(g,h,i)perylene	17.533	276	629771	46.363	ng	99

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

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