Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112624\
Data File : BF140633.D
Acq On : 26 Nov 2024 11:20
Operator : RC/JU
Sample : PB165203BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 26 12:01:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB165203BSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel
11/27/2024
Supervised By :mohammad ahmed
11/27/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	107882	20.000	ng		0.00
21) Naphthalene-d8	8.151	136	407913	20.000	ng		0.00
39) Acenaphthene-d10	9.910	164	232317	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	432267	20.000	ng		0.00
76) Chrysene-d12	14.051	240	245754	20.000	ng		0.00
86) Perylene-d12	15.539	264	204825	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	861248	136.211	ng		0.02
7) Phenol-d6	6.516	99	1141058	136.506	ng		0.00
23) Nitrobenzene-d5	7.440	82	742425	93.096	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	342841	137.984	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	1399809	89.775	ng		0.00
79) Terphenyl-d14	12.986	244	1559106	98.787	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.752	88	113145	42.561	ng		98
3) Pyridine	3.510	79	294729	50.388	ng		99
4) n-Nitrosodimethylamine	3.469	42	157294	45.755	ng		88
6) Aniline	6.534	93	349553	59.412	ng	#	87
8) 2-Chlorophenol	6.663	128	346654	50.960	ng		95
9) Benzaldehyde	6.422	77	161842	36.573	ng		98
10) Phenol	6.528	94	425566	49.852	ng		97
11) bis(2-Chloroethyl)ether	6.604	93	321292	49.184	ng		98
12) 1,3-Dichlorobenzene	6.810	146	355794	46.548	ng		98
13) 1,4-Dichlorobenzene	6.887	146	361222	46.673	ng		99
14) 1,2-Dichlorobenzene	7.040	146	345162	47.595	ng		99
15) Benzyl Alcohol	7.016	79	319231	51.497	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.140	45	403418	52.274	ng		86
17) 2-Methylphenol	7.134	107	269594	49.509	ng		98
18) Hexachloroethane	7.381	117	135087	46.734	ng		97
19) n-Nitroso-di-n-propyla...	7.287	70	241077	48.799	ng		97
20) 3+4-Methylphenols	7.287	107	345049	49.299	ng		91
22) Acetophenone	7.281	105	461338	46.390	ng		99
24) Nitrobenzene	7.457	77	376700	45.704	ng		98
25) Isophorone	7.692	82	661683	49.746	ng		100
26) 2-Nitrophenol	7.769	139	181274	49.629	ng		98
27) 2,4-Dimethylphenol	7.810	122	273966	62.689	ng		97
28) bis(2-Chloroethoxy)met...	7.898	93	400657	49.444	ng		100
29) 2,4-Dichlorophenol	8.016	162	288638	49.844	ng		98
30) 1,2,4-Trichlorobenzene	8.092	180	304273	46.019	ng		99
31) Naphthalene	8.175	128	1000969	47.640	ng		99
32) Benzoic acid	7.945	122	166692	44.456	ng		94
33) 4-Chloroaniline	8.222	127	196332	31.209	ng		99
34) Hexachlorobutadiene	8.287	225	197310	45.054	ng		99
35) Caprolactam	8.598	113	92148m	51.419	ng		
36) 4-Chloro-3-methylphenol	8.716	107	317874	49.027	ng		98
37) 2-Methylnaphthalene	8.863	142	653678	48.982	ng		100
38) 1-Methylnaphthalene	8.963	142	606698	46.380	ng		99
40) 1,2,4,5-Tetrachloroben...	9.034	216	313826	46.143	ng		99
41) Hexachlorocyclopentadiene	9.016	237	271705	168.824	ng		98
43) 2,4,6-Trichlorophenol	9.151	196	202126	47.363	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	216921	46.835	ng	96
46) 1,1'-Biphenyl	9.328	154	815696	47.028	ng	99
47) 2-Chloronaphthalene	9.357	162	606136	46.120	ng	99
48) 2-Nitroaniline	9.457	65	203244	48.179	ng	96
49) Acenaphthylene	9.775	152	998493	50.282	ng	99
50) Dimethylphthalate	9.633	163	739126	48.308	ng	100
51) 2,6-Dinitrotoluene	9.698	165	162546	46.843	ng	93
52) Acenaphthene	9.945	154	599136	47.485	ng	99
53) 3-Nitroaniline	9.869	138	112146	33.044	ng	95
54) 2,4-Dinitrophenol	9.986	184	163544	89.926	ng	91
55) Dibenzofuran	10.116	168	901210	46.827	ng	99
56) 4-Nitrophenol	10.045	139	224083	96.813	ng	93
57) 2,4-Dinitrotoluene	10.110	165	218552	47.390	ng	97
58) Fluorene	10.463	166	709743	45.944	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	190584	53.542	ng	94
60) Diethylphthalate	10.333	149	737643	47.451	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	351614	46.380	ng	97
62) 4-Nitroaniline	10.486	138	168035	47.207	ng	95
63) Azobenzene	10.610	77	712172	48.377	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	120877	54.723	ng	93
66) n-Nitrosodiphenylamine	10.575	169	623612	48.783	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	214772	48.245	ng	97
68) Hexachlorobenzene	11.010	284	243314	47.203	ng	98
69) Atrazine	11.098	200	208347	57.936	ng	98
70) Pentachlorophenol	11.210	266	230600	101.645	ng	99
71) Phenanthrene	11.428	178	1016501	48.920	ng	100
72) Anthracene	11.480	178	1033840	50.864	ng	99
73) Carbazole	11.633	167	959339	49.063	ng	100
74) Di-n-butylphthalate	11.957	149	1136582	50.349	ng	100
75) Fluoranthene	12.616	202	1091361	48.375	ng	98
77) Benzidine	12.739	184	343526	48.078	ng	100
78) Pyrene	12.845	202	1122532	49.401	ng	100
80) Butylbenzylphthalate	13.457	149	441034	53.878	ng	97
81) Benzo(a)anthracene	14.039	228	831606	51.119	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	172690	35.357	ng	99
83) Chrysene	14.074	228	750972	50.485	ng	99
84) Bis(2-ethylhexyl)phtha...	14.016	149	596310	57.691	ng	99
85) Di-n-octyl phthalate	14.639	149	834093	59.048	ng	98
87) Indeno(1,2,3-cd)pyrene	17.057	276	670084	50.200	ng	98
88) Benzo(b)fluoranthene	15.104	252	654223	50.852	ng	98
89) Benzo(k)fluoranthene	15.133	252	561986	49.918	ng	99
90) Benzo(a)pyrene	15.480	252	563770	53.895	ng	99
91) Dibenzo(a,h)anthracene	17.068	278	544396	49.800	ng	99
92) Benzo(g,h,i)perylene	17.515	276	513650	46.046	ng	97

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

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