Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111824\
Data File : BF140446.D
Acq On : 18 Nov 2024 11:32
Operator : RC/JU
Sample : PB164846BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 18 12:03:27 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 :
PB164846BS

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	165160	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	638782	20.000	ng		0.00
39) Acenaphthene-d10	9.916	164	347317	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	636734	20.000	ng		0.00
76) Chrysene-d12	14.057	240	331814	20.000	ng		0.00
86) Perylene-d12	15.557	264	309689	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	1149536	118.836	ng		0.02
7) Phenol-d6	6.522	99	1515382	115.627	ng		0.02
23) Nitrobenzene-d5	7.439	82	1002890	81.801	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	445703	129.047	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	1797907	83.216	ng		0.00
79) Terphenyl-d14	12.986	244	1951122	102.067	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.728	88	148406	34.422	ng		99
3) Pyridine	3.487	79	373471	35.236	ng		100
4) n-Nitrosodimethylamine	3.446	42	216844	40.480	ng		100
6) Aniline	6.540	93	449644	39.440	ng	#	40
8) 2-Chlorophenol	6.663	128	450805	43.385	ng		98
9) Benzaldehyde	6.428	77	18407	2.343	ng		99
10) Phenol	6.534	94	552204	39.954	ng	#	72
11) bis(2-Chloroethyl)ether	6.610	93	445879	42.577	ng		99
12) 1,3-Dichlorobenzene	6.816	146	463969	40.469	ng		99
13) 1,4-Dichlorobenzene	6.892	146	472286	40.627	ng		99
14) 1,2-Dichlorobenzene	7.045	146	448434	41.552	ng		99
15) Benzyl Alcohol	7.022	79	416244	44.083	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	593039	40.998	ng		62
17) 2-Methylphenol	7.134	107	357192	41.787	ng		93
18) Hexachloroethane	7.387	117	180191	41.928	ng		99
19) n-Nitroso-di-n-propyla...	7.287	70	319847	40.408	ng		99
20) 3+4-Methylphenols	7.287	107	430999	40.318	ng		92
22) Acetophenone	7.281	105	598383	40.277	ng	#	99
24) Nitrobenzene	7.457	77	502108	39.335	ng		99
25) Isophorone	7.692	82	892542	41.077	ng		100
26) 2-Nitrophenol	7.775	139	242821	42.867	ng		99
27) 2,4-Dimethylphenol	7.810	122	364964	50.326	ng		98
28) bis(2-Chloroethoxy)met...	7.904	93	546901	41.048	ng		100
29) 2,4-Dichlorophenol	8.022	162	377878	42.162	ng		97
30) 1,2,4-Trichlorobenzene	8.098	180	395907	39.677	ng		99
31) Naphthalene	8.181	128	1311141	40.462	ng		100
32) Benzoic acid	7.945	122	259311	40.636	ng		95
33) 4-Chloroaniline	8.228	127	365387	32.423	ng		99
34) Hexachlorobutadiene	8.292	225	256885	40.406	ng		99
35) Caprolactam	8.598	113	124006m	41.629	ng		
36) 4-Chloro-3-methylphenol	8.716	107	415262	41.810	ng		100
37) 2-Methylnaphthalene	8.869	142	853575	41.080	ng		100
38) 1-Methylnaphthalene	8.969	142	788895	38.772	ng		100
40) 1,2,4,5-Tetrachloroben...	9.034	216	403173	41.978	ng		99
41) Hexachlorocyclopentadiene	9.022	237	411455	166.853	ng		100
43) 2,4,6-Trichlorophenol	9.151	196	265884	42.183	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	284345	41.262	ng	99
46) 1,1'-Biphenyl	9.333	154	1049756	41.546	ng	99
47) 2-Chloronaphthalene	9.357	162	786072	40.840	ng	99
48) 2-Nitroaniline	9.457	65	272968	42.763	ng	98
49) Acenaphthylene	9.775	152	1293683	44.424	ng	100
50) Dimethylphthalate	9.633	163	976397	43.130	ng	100
51) 2,6-Dinitrotoluene	9.698	165	214166	41.497	ng	99
52) Acenaphthene	9.951	154	928998m	47.231	ng	
53) 3-Nitroaniline	9.869	138	180285	33.263	ng	99
54) 2,4-Dinitrophenol	9.980	184	241543	90.757	ng	100
55) Dibenzofuran	10.122	168	1170858	42.050	ng	100
56) 4-Nitrophenol	10.045	139	326519	82.591	ng	99
57) 2,4-Dinitrotoluene	10.110	165	286393	42.164	ng	95
58) Fluorene	10.463	166	915188	41.606	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	247144	45.420	ng	97
60) Diethylphthalate	10.333	149	978499	42.270	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	450935	41.524	ng	99
62) 4-Nitroaniline	10.492	138	224994	40.599	ng	98
63) Azobenzene	10.616	77	965118	42.196	ng	100
65) 4,6-Dinitro-2-methylph...	10.516	198	165087	48.190	ng	99
66) n-Nitrosodiphenylamine	10.575	169	806124	43.817	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	276151	43.387	ng	99
68) Hexachlorobenzene	11.016	284	312673	43.661	ng	96
69) Atrazine	11.098	200	204988	36.828	ng	99
70) Pentachlorophenol	11.210	266	327103	84.794	ng	99
71) Phenanthrene	11.427	178	1293808	43.255	ng	100
72) Anthracene	11.480	178	1327808	45.295	ng	99
73) Carbazole	11.633	167	1219658	42.137	ng	100
74) Di-n-butylphthalate	11.957	149	1526840	43.950	ng	100
75) Fluoranthene	12.616	202	1387211	41.338	ng	99
77) Benzidine	12.739	184	270508	21.241	ng	99
78) Pyrene	12.851	202	1393611	49.101	ng	100
80) Butylbenzylphthalate	13.463	149	546873	50.157	ng	97
81) Benzo(a)anthracene	14.045	228	985370	45.185	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	265978	38.372	ng	99
83) Chrysene	14.080	228	886826	44.569	ng	99
84) Bis(2-ethylhexyl)phtha...	14.021	149	707203	48.594	ng	100
85) Di-n-octyl phthalate	14.657	149	925048	45.132	ng	99
87) Indeno(1,2,3-cd)pyrene	17.068	276	955785	49.962	ng	100
88) Benzo(b)fluoranthene	15.115	252	824611	40.705	ng	100
89) Benzo(k)fluoranthene	15.145	252	683584	41.305	ng	99
90) Benzo(a)pyrene	15.492	252	739316	46.995	ng	99
91) Dibenzo(a,h)anthracene	17.080	278	783426	49.543	ng	100
92) Benzo(g,h,i)perylene	17.521	276	724191	44.797	ng	99

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

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