Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040325\
Data File : BG064175.D
Acq On : 3 Apr 2025 20:38
Operator : RC/JU
Sample : PB167451BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Apr 04 01:46:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 15:39:19 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB167451BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli

04/04/2025
Supervised By :Jagrut Upadhyay

04/04/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.856	152	27724	20.000	ng		0.00
21) Naphthalene-d8	10.646	136	127043	20.000	ng		0.00
39) Acenaphthene-d10	14.483	164	99227	20.000	ng		0.00
64) Phenanthrene-d10	17.221	188	235595	20.000	ng		0.00
76) Chrysene-d12	21.457	240	232442	20.000	ng		0.00
86) Perylene-d12	24.465	264	250687	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.447	112	273370	153.965	ng		0.00
7) Phenol-d6	7.027	99	369305	152.895	ng		0.00
23) Nitrobenzene-d5	9.013	82	252836	109.980	ng		0.00
42) 2,4,6-Tribromophenol	15.970	330	206326	187.063	ng		0.00
45) 2-Fluorobiphenyl	13.108	172	625714	95.716	ng		0.00
79) Terphenyl-d14	19.842	244	1181105	102.743	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.361	88	22821	28.360	ng		87
3) Pyridine	3.749	79	72085	36.835	ng		99
4) n-Nitrosodimethylamine	3.660	42	59160	42.311	ng		98
6) Aniline	7.186	93	81316	34.308	ng		96
8) 2-Chlorophenol	7.427	128	104021	54.548	ng		97
9) Benzaldehyde	6.998	77	59463	42.329	ng		93
10) Phenol	7.056	94	132073	53.406	ng		94
11) bis(2-Chloroethyl)ether	7.286	93	90315	46.583	ng		96
12) 1,3-Dichlorobenzene	7.750	146	98739	47.152	ng		96
13) 1,4-Dichlorobenzene	7.897	146	101460	47.270	ng		97
14) 1,2-Dichlorobenzene	8.208	146	101004	48.800	ng		95
15) Benzyl Alcohol	8.091	79	103667	55.540	ng		91
16) 2,2'-oxybis(1-Chloropr...	8.384	45	209856	48.138	ng		99
17) 2-Methylphenol	8.296	107	92668	56.460	ng		99
18) Hexachloroethane	8.937	117	39888	53.115	ng		94
19) n-Nitroso-di-n-propyla...	8.660	70	85464	50.417	ng		99
20) 3+4-Methylphenols	8.625	107	130529	57.767	ng		96
22) Acetophenone	8.672	105	167288	48.026	ng		98
24) Nitrobenzene	9.054	77	127515	53.672	ng	#	96
25) Isophorone	9.577	82	242940	52.797	ng	#	95
26) 2-Nitrophenol	9.759	139	56117	63.620	ng	#	90
27) 2,4-Dimethylphenol	9.824	122	113861	82.542	ng		99
28) bis(2-Chloroethoxy)met...	10.059	93	138485	49.641	ng		99
29) 2,4-Dichlorophenol	10.294	162	105181	60.386	ng		99
30) 1,2,4-Trichlorobenzene	10.511	180	107026	50.900	ng		95
31) Naphthalene	10.699	128	333528	48.686	ng		99
32) Benzoic acid	9.977	122	78807	59.641	ng		97
33) 4-Chloroaniline	10.805	127	30844	12.319	ng		98
34) Hexachlorobutadiene	10.987	225	72158	52.355	ng		96
35) Caprolactam	11.569	113	38445m	57.596	ng		
36) 4-Chloro-3-methylphenol	11.933	107	141004	61.757	ng		97
37) 2-Methylnaphthalene	12.303	142	226997	46.937	ng		97
38) 1-Methylnaphthalene	12.527	142	245040	51.718	ng		98
40) 1,2,4,5-Tetrachloroben...	12.679	216	135050	47.673	ng	#	98
41) Hexachlorocyclopentadiene	12.662	237	200978	252.069	ng		93
43) 2,4,6-Trichlorophenol	12.914	196	95761	57.356	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.985	196	108252	58.352	ng		98
46) 1,1'-Biphenyl	13.320	154	364524	48.625	ng		98
47) 2-Chloronaphthalene	13.361	162	266516	48.745	ng		97
48) 2-Nitroaniline	13.561	65	106702	56.697	ng		97
49) Acenaphthylene	14.207	152	463864	53.637	ng		99
50) Dimethylphthalate	13.943	163	373757	51.027	ng		99
51) 2,6-Dinitrotoluene	14.054	165	82641	55.081	ng		95
52) Acenaphthene	14.548	154	283336	48.819	ng		98
53) 3-Nitroaniline	14.383	138	30973	21.879	ng		93
54) 2,4-Dinitrophenol	14.595	184	103147	157.964	ng	#	78
55) Dibenzofuran	14.883	168	458251	48.739	ng		99
56) 4-Nitrophenol	14.700	139	148840	125.363	ng	#	89
57) 2,4-Dinitrotoluene	14.841	165	124141	59.593	ng	#	98
58) Fluorene	15.535	166	373934	51.063	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.106	232	108848	60.184	ng		95
60) Diethylphthalate	15.312	149	415297	52.228	ng		99
61) 4-Chlorophenyl-phenyle...	15.529	204	185302	50.920	ng		90
62) 4-Nitroaniline	15.547	138	85117	55.690	ng		93
63) Azobenzene	15.817	77	410613	48.392	ng		99
65) 4,6-Dinitro-2-methylph...	15.611	198	74018	68.512	ng		93
66) n-Nitrosodiphenylamine	15.740	169	343772	51.549	ng		99
67) 4-Bromophenyl-phenylether	16.422	248	126083	52.253	ng		96
68) Hexachlorobenzene	16.534	284	137848	51.029	ng		99
69) Atrazine	16.692	200	140300	71.503	ng		97
70) Pentachlorophenol	16.874	266	186580	111.241	ng		99
71) Phenanthrene	17.268	178	635172	50.546	ng		98
72) Anthracene	17.356	178	648466	51.897	ng		99
73) Carbazole	17.626	167	588835	50.473	ng		98
74) Di-n-butylphthalate	18.196	149	727823	53.000	ng		100
75) Fluoranthene	19.277	202	742513	49.013	ng		97
77) Benzidine	19.454	184	189136	58.762	ng		97
78) Pyrene	19.636	202	770248	51.406	ng		99
80) Butylbenzylphthalate	20.535	149	329008	57.719	ng		98
81) Benzo(a)anthracene	21.434	228	781366	52.478	ng		99
82) 3,3'-Dichlorobenzidine	21.357	252	130385	27.058	ng		94
83) Chrysene	21.498	228	736885	49.620	ng		99
84) Bis(2-ethylhexyl)phtha...	21.363	149	486302	60.391	ng		99
85) Di-n-octyl phthalate	22.509	149	828678	59.663	ng		98
87) Indeno(1,2,3-cd)pyrene	27.867	276	917101	54.677	ng	#	96
88) Benzo(b)fluoranthene	23.520	252	764913	50.473	ng		99
89) Benzo(k)fluoranthene	23.584	252	763585	50.224	ng		100
90) Benzo(a)pyrene	24.330	252	741942	54.971	ng		98
91) Dibenzo(a,h)anthracene	27.926	278	749744	53.918	ng		98
92) Benzo(g,h,i)perylene	28.925	276	722475	50.605	ng		97

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

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