Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020625\
Data File : BG064022.D
Acq On : 6 Feb 2025 17:52
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Quant Time: Feb 07 03:00:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 04 02:51:00 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.875	152	64456	20.000	ng		0.00
21) Naphthalene-d8	10.660	136	273650	20.000	ng		0.00
39) Acenaphthene-d10	14.497	164	184657	20.000	ng		0.00
64) Phenanthrene-d10	17.235	188	408809	20.000	ng	#	0.00
76) Chrysene-d12	21.477	240	449843	20.000	ng		0.00
86) Perylene-d12	24.497	264	473315	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.460	112	339692	84.497	ng		0.00
7) Phenol-d6	7.035	99	451084	81.763	ng		0.00
23) Nitrobenzene-d5	9.027	82	416686	92.542	ng		0.00
42) 2,4,6-Tribromophenol	15.983	330	167855	84.720	ng		0.00
45) 2-Fluorobiphenyl	13.122	172	945467	78.447	ng		0.00
79) Terphenyl-d14	19.861	244	1671232	77.589	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.392	88	76142	39.881	ng		95
3) Pyridine	3.780	79	203735	39.518	ng		97
4) n-Nitrosodimethylamine	3.698	42	119521	40.318	ng	#	98
6) Aniline	7.199	93	225978	38.223	ng		98
8) 2-Chlorophenol	7.440	128	171960	41.978	ng		99
9) Benzaldehyde	7.017	77	134057	44.511	ng		99
10) Phenol	7.064	94	233843	40.266	ng		99
11) bis(2-Chloroethyl)ether	7.299	93	182963	39.125	ng		98
12) 1,3-Dichlorobenzene	7.764	146	190929	39.168	ng		99
13) 1,4-Dichlorobenzene	7.910	146	189744	38.542	ng		99
14) 1,2-Dichlorobenzene	8.228	146	185491	39.312	ng		96
15) Benzyl Alcohol	8.104	79	164423	39.873	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.404	45	379069	40.255	ng		98
17) 2-Methylphenol	8.310	107	148414	39.515	ng		90
18) Hexachloroethane	8.956	117	70554	43.547	ng		99
19) n-Nitroso-di-n-propyla...	8.680	70	149866	39.227	ng	#	92
20) 3+4-Methylphenols	8.633	107	203953	40.759	ng		98
22) Acetophenone	8.692	105	292701	38.930	ng		98
24) Nitrobenzene	9.068	77	211138	41.159	ng		99
25) Isophorone	9.591	82	387099	39.659	ng		98
26) 2-Nitrophenol	9.773	139	66718	52.064	ng		97
27) 2,4-Dimethylphenol	9.838	122	119316	42.495	ng		95
28) bis(2-Chloroethoxy)met...	10.073	93	246726	39.725	ng		100
29) 2,4-Dichlorophenol	10.308	162	152894	39.653	ng		98
30) 1,2,4-Trichlorobenzene	10.525	180	182675	39.601	ng		94
31) Naphthalene	10.713	128	575811	39.247	ng		98
32) Benzoic acid	9.973	122	82307m	45.613	ng		
33) 4-Chloroaniline	10.813	127	222272	39.542	ng		99
34) Hexachlorobutadiene	11.007	225	120873	41.147	ng		99
35) Caprolactam	11.577	113	55869	39.913	ng		93
36) 4-Chloro-3-methylphenol	11.935	107	189609	42.190	ng		99
37) 2-Methylnaphthalene	12.317	142	408549	39.960	ng		99
38) 1-Methylnaphthalene	12.540	142	395933m	39.138	ng		
40) 1,2,4,5-Tetrachloroben...	12.687	216	216094	39.684	ng		100
41) Hexachlorocyclopentadiene	12.675	237	70107	50.869	ng		96
43) 2,4,6-Trichlorophenol	12.922	196	128027	40.811	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.993	196	143934	40.637	ng		95
46) 1,1'-Biphenyl	13.333	154	551344	39.216	ng		98
47) 2-Chloronaphthalene	13.369	162	404514	39.475	ng		97
48) 2-Nitroaniline	13.568	65	128966	46.787	ng		96
49) Acenaphthylene	14.215	152	626073	39.334	ng		99
50) Dimethylphthalate	13.956	163	508306	41.516	ng		98
51) 2,6-Dinitrotoluene	14.068	165	102931	44.890	ng		96
52) Acenaphthene	14.561	154	430359	40.308	ng		99
53) 3-Nitroaniline	14.391	138	109147	41.080	ng		98
54) 2,4-Dinitrophenol	14.597	184	28862	49.820	ng	#	83
55) Dibenzofuran	14.896	168	679121	39.174	ng		99
56) 4-Nitrophenol	14.697	139	89195	42.129	ng		98
57) 2,4-Dinitrotoluene	14.849	165	138454	46.078	ng		99
58) Fluorene	15.543	166	519549	38.774	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.120	232	140153	41.157	ng		98
60) Diethylphthalate	15.325	149	537909	41.438	ng		99
61) 4-Chlorophenyl-phenyle...	15.543	204	256337	38.128	ng		98
62) 4-Nitroaniline	15.554	138	116553	40.879	ng		97
63) Azobenzene	15.836	77	583105	38.031	ng		99
65) 4,6-Dinitro-2-methylph...	15.613	198	53842	51.587	ng		98
66) n-Nitrosodiphenylamine	15.754	169	445167	39.275	ng		98
67) 4-Bromophenyl-phenylether	16.436	248	158429	38.935	ng		97
68) Hexachlorobenzene	16.547	284	189648	39.643	ng		97
69) Atrazine	16.706	200	146030	38.715	ng		98
70) Pentachlorophenol	16.888	266	120336	43.009	ng		99
71) Phenanthrene	17.282	178	839972	39.120	ng		99
72) Anthracene	17.370	178	841259	39.156	ng		100
73) Carbazole	17.634	167	789851	39.271	ng		97
74) Di-n-butylphthalate	18.216	149	946215	45.133	ng		100
75) Fluoranthene	19.291	202	1028272	39.328	ng		98
77) Benzidine	19.473	184	386263	40.324	ng		95
78) Pyrene	19.650	202	1077192	38.788	ng		99
80) Butylbenzylphthalate	20.554	149	394582	41.537	ng		98
81) Benzo(a)anthracene	21.453	228	1119849	39.209	ng		100
82) 3,3'-Dichlorobenzidine	21.377	252	384940	43.278	ng		98
83) Chrysene	21.518	228	1099846	38.696	ng		98
84) Bis(2-ethylhexyl)phtha...	21.395	149	626663	41.017	ng		98
85) Di-n-octyl phthalate	22.552	149	1043802	42.023	ng		98
87) Indeno(1,2,3-cd)pyrene	27.922	276	1246987	40.838	ng		100
88) Benzo(b)fluoranthene	23.551	252	1117799	40.106	ng		97
89) Benzo(k)fluoranthene	23.616	252	1144669	39.997	ng		100
90) Benzo(a)pyrene	24.362	252	1003821	40.350	ng		98
91) Dibenzo(a,h)anthracene	27.987	278	1053950	40.877	ng		96
92) Benzo(g,h,i)perylene	28.986	276	1053635	40.479	ng		98

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

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