Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030325\
Data File : BG064040.D
Acq On : 3 Mar 2025 16:19
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Quant Time: Mar 04 07:14:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 04 07:06:59 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.865	152	32908	20.000	ng		0.00
21) Naphthalene-d8	10.656	136	162537	20.000	ng	#	0.00
39) Acenaphthene-d10	14.486	164	121937	20.000	ng		0.00
64) Phenanthrene-d10	17.230	188	269097	20.000	ng		0.00
76) Chrysene-d12	21.461	240	276012	20.000	ng		0.00
86) Perylene-d12	24.481	264	287931	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.444	112	255153	132.982	ng		0.00
7) Phenol-d6	7.031	99	374617	138.415	ng		0.00
23) Nitrobenzene-d5	9.016	82	396552	141.802	ng		0.00
42) 2,4,6-Tribromophenol	15.979	330	167703	122.373	ng		0.00
45) 2-Fluorobiphenyl	13.117	172	939399	117.209	ng		0.00
79) Terphenyl-d14	19.851	244	1564200	115.028	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.370	88	57029	59.346	ng		97
3) Pyridine	3.758	79	134416	58.966	ng		97
4) n-Nitrosodimethylamine	3.676	42	103730	62.368	ng		98
6) Aniline	7.195	93	186191	64.417	ng		94
8) 2-Chlorophenol	7.430	128	143913	70.515	ng		94
9) Benzaldehyde	7.007	77	82812m	51.327	ng		
10) Phenol	7.054	94	192843	68.412	ng		94
11) bis(2-Chloroethyl)ether	7.289	93	145551	62.234	ng		94
12) 1,3-Dichlorobenzene	7.753	146	148688	61.199	ng		98
13) 1,4-Dichlorobenzene	7.900	146	154921	61.683	ng		99
14) 1,2-Dichlorobenzene	8.217	146	149134	62.194	ng		98
15) Benzyl Alcohol	8.100	79	153966	69.316	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.399	45	335869m	63.760	ng		
17) 2-Methylphenol	8.300	107	133863	70.564	ng		95
18) Hexachloroethane	8.946	117	55919	66.437	ng		97
19) n-Nitroso-di-n-propyla...	8.670	70	148680	70.122	ng		98
20) 3+4-Methylphenols	8.629	107	188810	69.363	ng		98
22) Acetophenone	8.681	105	277465	61.861	ng	#	99
24) Nitrobenzene	9.058	77	200344	67.902	ng		95
25) Isophorone	9.586	82	388820	65.432	ng		99
26) 2-Nitrophenol	9.768	139	56178	60.171	ng		97
27) 2,4-Dimethylphenol	9.827	122	113098	71.591	ng		98
28) bis(2-Chloroethoxy)met...	10.068	93	232251	63.568	ng	#	95
29) 2,4-Dichlorophenol	10.297	162	145091	61.753	ng		98
30) 1,2,4-Trichlorobenzene	10.515	180	161555	60.935	ng		99
31) Naphthalene	10.703	128	534753	61.083	ng		98
32) Benzoic acid	9.998	122	77100m	61.348	ng		
33) 4-Chloroaniline	10.808	127	210916	65.076	ng		98
34) Hexachlorobutadiene	10.996	225	106733	61.924	ng		99
35) Caprolactam	11.590	113	56132	71.019	ng	#	87
36) 4-Chloro-3-methylphenol	11.931	107	199427	71.784	ng		96
37) 2-Methylnaphthalene	12.313	142	393026	62.216	ng		100
38) 1-Methylnaphthalene	12.530	142	391284	62.040	ng		98
40) 1,2,4,5-Tetrachloroben...	12.683	216	203495	60.115	ng		99
41) Hexachlorocyclopentadiene	12.665	237	60045	66.441	ng		98
43) 2,4,6-Trichlorophenol	12.918	196	130431	60.830	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.988	196	143663	60.312	ng	90
46) 1,1'-Biphenyl	13.323	154	559884	60.217	ng	100
47) 2-Chloronaphthalene	13.364	162	406434	60.758	ng	98
48) 2-Nitroaniline	13.564	65	131316	61.875	ng	97
49) Acenaphthylene	14.210	152	646825	61.257	ng	98
50) Dimethylphthalate	13.952	163	546862	68.432	ng	100
51) 2,6-Dinitrotoluene	14.063	165	107136	60.387	ng	93
52) Acenaphthene	14.551	154	444455	61.489	ng	95
53) 3-Nitroaniline	14.387	138	115103	61.665	ng	90
54) 2,4-Dinitrophenol	14.592	184	36424	61.754	ng	98
55) Dibenzofuran	14.886	168	689403	59.656	ng	99
56) 4-Nitrophenol	14.692	139	88124	60.683	ng	98
57) 2,4-Dinitrotoluene	14.851	165	148468	60.692	ng	96
58) Fluorene	15.538	166	532130	59.706	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.109	232	138871	61.741	ng	95
60) Diethylphthalate	15.321	149	591722	69.993	ng	99
61) 4-Chlorophenyl-phenyle...	15.532	204	262496	58.265	ng	98
62) 4-Nitroaniline	15.556	138	120714	61.457	ng	97
63) Azobenzene	15.826	77	637081	60.187	ng	99
65) 4,6-Dinitro-2-methylph...	15.609	198	59769	61.847	ng	89
66) n-Nitrosodiphenylamine	15.750	169	467376	62.552	ng	98
67) 4-Bromophenyl-phenylether	16.425	248	172702	62.521	ng	96
68) Hexachlorobenzene	16.537	284	184550	59.992	ng	95
69) Atrazine	16.696	200	98612	58.647	ng	96
70) Pentachlorophenol	16.878	266	116010	61.149	ng	97
71) Phenanthrene	17.271	178	855950	59.781	ng	99
72) Anthracene	17.360	178	853797	59.988	ng	99
73) Carbazole	17.630	167	787418	62.260	ng	99
74) Di-n-butylphthalate	18.206	149	953466	61.940	ng	99
75) Fluoranthene	19.281	202	1008406	60.138	ng	98
77) Benzidine	19.463	184	275738	77.627	ng	97
78) Pyrene	19.645	202	1052821	59.779	ng	98
81) Benzo(a)anthracene	21.443	228	1076595	61.202	ng	99
82) 3,3'-Dichlorobenzidine	21.367	252	348964	68.867	ng	99
83) Chrysene	21.508	228	1048837	59.523	ng	98
84) Bis(2-ethylhexyl)phtha...	21.384	149	573687	61.624	ng	99
85) Di-n-octyl phthalate	22.530	149	938095	61.193	ng	97
87) Indeno(1,2,3-cd)pyrene	27.888	276	1202767	62.849	ng	98
88) Benzo(b)fluoranthene	23.529	252	1089073	63.314	ng	100
89) Benzo(k)fluoranthene	23.593	252	1069437	61.088	ng	99
90) Benzo(a)pyrene	24.340	252	959023	62.513	ng	98
91) Dibenzo(a,h)anthracene	27.947	278	994981	62.940	ng	99
92) Benzo(g,h,i)perylene	28.952	276	1012971	61.535	ng	97

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

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