Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020325\
Data File : BG063978.D
Acq On : 3 Feb 2025 13:11
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Quant Time: Feb 04 02:46:06 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 02:44:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.879	152	62771	20.000	ng		0.00
21) Naphthalene-d8	10.664	136	276061	20.000	ng		0.00
39) Acenaphthene-d10	14.500	164	177325	20.000	ng		0.00
64) Phenanthrene-d10	17.238	188	389300	20.000	ng		0.00
76) Chrysene-d12	21.468	240	414344	20.000	ng		0.00
86) Perylene-d12	24.494	264	439096	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.464	112	158814	40.565	ng		0.00
7) Phenol-d6	7.038	99	219422	40.840	ng		0.00
23) Nitrobenzene-d5	9.024	82	161789	35.618	ng		0.00
42) 2,4,6-Tribromophenol	15.981	330	55855	39.360	ng		0.00
45) 2-Fluorobiphenyl	13.125	172	491443	42.462	ng		0.00
79) Terphenyl-d14	19.859	244	847728	42.729	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.401	88	38956	20.952	ng		97
3) Pyridine	3.783	79	101526	20.213	ng		96
4) n-Nitrosodimethylamine	3.701	42	58345	20.210	ng		98
6) Aniline	7.203	93	114398	19.869	ng		95
8) 2-Chlorophenol	7.438	128	80101	20.079	ng		95
9) Benzaldehyde	7.015	77	70232	23.945	ng		93
10) Phenol	7.062	94	114453	20.237	ng		97
11) bis(2-Chloroethyl)ether	7.303	93	92821	20.382	ng		99
12) 1,3-Dichlorobenzene	7.767	146	98456	20.740	ng		97
13) 1,4-Dichlorobenzene	7.914	146	98337	20.511	ng		98
14) 1,2-Dichlorobenzene	8.225	146	93868	20.428	ng		96
15) Benzyl Alcohol	8.108	79	79967	19.913	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.407	45	185426	20.220	ng		98
17) 2-Methylphenol	8.307	107	73018	19.963	ng		93
18) Hexachloroethane	8.960	117	30637	19.417	ng		97
19) n-Nitroso-di-n-propyla...	8.678	70	75153	20.199	ng	#	98
20) 3+4-Methylphenols	8.631	107	96764	19.857	ng		96
22) Acetophenone	8.689	105	154296	20.342	ng		98
24) Nitrobenzene	9.065	77	88469	19.332	ng		96
25) Isophorone	9.588	82	195202	19.824	ng		98
26) 2-Nitrophenol	9.776	139	15461	21.118	ng		96
27) 2,4-Dimethylphenol	9.835	122	56417	19.918	ng		93
28) bis(2-Chloroethoxy)met...	10.076	93	124514	19.873	ng		97
29) 2,4-Dichlorophenol	10.305	162	66869	19.389	ng		97
30) 1,2,4-Trichlorobenzene	10.528	180	94134	20.229	ng		97
31) Naphthalene	10.716	128	296389	20.025	ng		99
32) Benzoic acid	9.929	122	21958m	19.940	ng		
33) 4-Chloroaniline	10.816	127	110000	19.398	ng		99
34) Hexachlorobutadiene	11.010	225	59011	19.913	ng		94
35) Caprolactam	11.557	113	21973	18.806	ng		96
36) 4-Chloro-3-methylphenol	11.933	107	88975	19.625	ng		97
37) 2-Methylnaphthalene	12.320	142	207371	20.106	ng		99
38) 1-Methylnaphthalene	12.538	142	200846	19.680	ng	#	98
40) 1,2,4,5-Tetrachloroben...	12.691	216	109966	21.029	ng		99
41) Hexachlorocyclopentadiene	12.679	237	24866	17.626	ng		91
43) 2,4,6-Trichlorophenol	12.926	196	50322	19.597	ng		95

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44) 2,4,5-Trichlorophenol	12.996	196	59907	19.845	ng		96
46) 1,1'-Biphenyl	13.331	154	281204	20.828	ng		99
47) 2-Chloronaphthalene	13.372	162	207458	21.082	ng		98
48) 2-Nitroaniline	13.566	65	37736	19.279	ng		94
49) Acenaphthylene	14.218	152	319503	20.903	ng		99
50) Dimethylphthalate	13.960	163	241023	20.500	ng		99
51) 2,6-Dinitrotoluene	14.065	165	32857	19.234	ng		93
52) Acenaphthene	14.565	154	212259	20.703	ng		98
53) 3-Nitroaniline	14.394	138	39417	18.777	ng	#	98
54) 2,4-Dinitrophenol	14.594	184	7789	21.705	ng		94
55) Dibenzofuran	14.900	168	347679	20.884	ng		96
56) 4-Nitrophenol	14.688	139	27662	19.316	ng		92
57) 2,4-Dinitrotoluene	14.853	165	39756	18.726	ng		94
58) Fluorene	15.546	166	263572	20.484	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.117	232	53019	19.371	ng		98
60) Diethylphthalate	15.323	149	251009	20.136	ng		99
61) 4-Chlorophenyl-phenyle...	15.546	204	134757	20.873	ng		99
62) 4-Nitroaniline	15.546	138	44329	18.566	ng		96
63) Azobenzene	15.834	77	298615	20.282	ng		98
65) 4,6-Dinitro-2-methylph...	15.611	198	12197	20.379	ng		95
66) n-Nitrosodiphenylamine	15.752	169	224114	20.763	ng		98
67) 4-Bromophenyl-phenylether	16.433	248	78770	20.328	ng		97
68) Hexachlorobenzene	16.545	284	93475	20.519	ng		96
69) Atrazine	16.703	200	72124	20.079	ng		98
70) Pentachlorophenol	16.886	266	37635	19.961	ng		91
71) Phenanthrene	17.279	178	419431	20.513	ng		98
72) Anthracene	17.367	178	414489	20.259	ng		100
73) Carbazole	17.638	167	392636	20.500	ng		98
74) Di-n-butylphthalate	18.219	149	399305	20.001	ng		99
75) Fluoranthene	19.289	202	506855	20.357	ng		100
77) Benzidine	19.471	184	196204	22.237	ng		97
78) Pyrene	19.647	202	543017	21.229	ng		97
80) Butylbenzylphthalate	20.558	149	136121	19.032	ng		95
81) Benzo(a)anthracene	21.451	228	543443	20.658	ng		99
82) 3,3'-Dichlorobenzidine	21.375	252	174352	21.282	ng		95
83) Chrysene	21.515	228	551557	21.068	ng		100
84) Bis(2-ethylhexyl)phtha...	21.398	149	238172	19.549	ng		96
85) Di-n-octyl phthalate	22.555	149	361674	20.139	ng		99
87) Indeno(1,2,3-cd)pyrene	27.908	276	579009	20.440	ng		99
88) Benzo(b)fluoranthene	23.543	252	545931	21.114	ng		99
89) Benzo(k)fluoranthene	23.607	252	523492	19.718	ng		99
90) Benzo(a)pyrene	24.353	252	473300	20.508	ng		100
91) Dibenzo(a,h)anthracene	27.973	278	486050	20.320	ng		98
92) Benzo(g,h,i)perylene	28.966	276	497129	20.587	ng		98

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

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