Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010325\
Data File : BG063921.D
Acq On : 3 Jan 2025 11:47
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Quant Time: Jan 03 23:00:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 03 22:59:09 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.794	152	110024	20.000	ng		0.00
21) Naphthalene-d8	10.585	136	428417	20.000	ng	#	0.00
39) Acenaphthene-d10	14.439	164	303291	20.000	ng		0.00
64) Phenanthrene-d10	17.195	188	743180	20.000	ng		0.00
76) Chrysene-d12	21.448	240	748379	20.000	ng		0.00
86) Perylene-d12	24.474	264	807392	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.391	112	74934	10.851	ng		0.00
7) Phenol-d6	6.983	99	98121	9.822	ng		0.00
23) Nitrobenzene-d5	8.945	82	106519	9.794	ng		0.00
42) 2,4,6-Tribromophenol	15.937	330	36932	10.098	ng		0.00
45) 2-Fluorobiphenyl	13.052	172	225707	10.781	ng		0.00
79) Terphenyl-d14	19.827	244	424661	11.267	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.299	88	20595	5.673	ng		92
3) Pyridine	3.693	79	48215	4.931	ng	#	88
4) n-Nitrosodimethylamine	3.611	42	17460	4.671	ng	#	86
6) Aniline	7.124	93	44458	5.123	ng		91
8) 2-Chlorophenol	7.365	128	33782	5.032	ng		92
9) Benzaldehyde	6.936	77	39856	6.248	ng		94
10) Phenol	7.007	94	52849	5.081	ng		86
11) bis(2-Chloroethyl)ether	7.218	93	43358	5.317	ng		89
12) 1,3-Dichlorobenzene	7.682	146	43050	5.320	ng		93
13) 1,4-Dichlorobenzene	7.829	146	42004	5.193	ng		94
14) 1,2-Dichlorobenzene	8.146	146	42524	5.342	ng		94
15) Benzyl Alcohol	8.035	79	32796	4.575	ng		90
16) 2,2'-oxybis(1-Chloropr...	8.323	45	61905	5.273	ng		94
17) 2-Methylphenol	8.246	107	34410	5.097	ng		96
18) Hexachloroethane	8.863	117	15940	5.081	ng		90
19) n-Nitroso-di-n-propyla...	8.593	70	35171	4.821	ng	#	92
20) 3+4-Methylphenols	8.581	107	42826	4.716	ng		96
22) Acetophenone	8.611	105	66248	5.150	ng		99
24) Nitrobenzene	8.992	77	58563	5.015	ng		98
25) Isophorone	9.510	82	96454	5.032	ng		98
26) 2-Nitrophenol	9.703	139	16460	4.442	ng		95
27) 2,4-Dimethylphenol	9.774	122	23243	4.919	ng		98
28) bis(2-Chloroethoxy)met...	9.997	93	58720	5.137	ng		95
29) 2,4-Dichlorophenol	10.256	162	33467	4.740	ng		90
30) 1,2,4-Trichlorobenzene	10.450	180	43305	5.071	ng		90
31) Naphthalene	10.632	128	121919	5.249	ng		98
33) 4-Chloroaniline	10.755	127	35728	4.738	ng	#	91
34) Hexachlorobutadiene	10.920	225	30276	5.172	ng		87
35) Caprolactam	11.501	113	10195m	4.373	ng		
36) 4-Chloro-3-methylphenol	11.895	107	37025	4.724	ng	#	85
37) 2-Methylnaphthalene	12.248	142	84927	5.204	ng		97
38) 1-Methylnaphthalene	12.471	142	86716	5.343	ng		93
40) 1,2,4,5-Tetrachloroben...	12.624	216	52111	5.121	ng		99
43) 2,4,6-Trichlorophenol	12.876	196	26628	4.443	ng		89
44) 2,4,5-Trichlorophenol	12.958	196	30630	4.554	ng	#	95
46) 1,1'-Biphenyl	13.264	154	116020	5.241	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Chloronaphthalene	13.311	162	91940	5.052	ng		98
48) 2-Nitroaniline	13.522	65	26726	4.389	ng		90
49) Acenaphthylene	14.157	152	136333	5.056	ng		98
50) Dimethylphthalate	13.893	163	110253	4.977	ng		96
51) 2,6-Dinitrotoluene	14.016	165	23337	4.729	ng		95
52) Acenaphthene	14.504	154	85573	5.190	ng		96
53) 3-Nitroaniline	14.351	138	20358	4.497	ng	#	92
55) Dibenzofuran	14.839	168	150778	5.269	ng		96
56) 4-Nitrophenol	14.709	139	10889	3.508	ng	#	76
57) 2,4-Dinitrotoluene	14.815	165	31509	4.549	ng	#	97
58) Fluorene	15.491	166	119383	5.369	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.079	232	27766	4.677	ng	#	96
60) Diethylphthalate	15.262	149	114551	5.246	ng		97
61) 4-Chlorophenyl-phenyle...	15.485	204	63808	5.293	ng		98
62) 4-Nitroaniline	15.520	138	19553	4.155	ng		90
63) Azobenzene	15.779	77	140506	5.087	ng		98
66) n-Nitrosodiphenylamine	15.702	169	95351	4.927	ng		96
67) 4-Bromophenyl-phenylether	16.384	248	40378	4.915	ng		94
68) Hexachlorobenzene	16.507	284	49696	5.298	ng		94
69) Atrazine	16.654	200	36697	5.915	ng		96
70) Pentachlorophenol	16.866	266	14196m	3.626	ng		
71) Phenanthrene	17.236	178	203485	5.264	ng		97
72) Anthracene	17.324	178	192644	5.119	ng		96
73) Carbazole	17.600	167	175004	5.036	ng		98
74) Di-n-butylphthalate	18.158	149	191621	4.948	ng		99
75) Fluoranthene	19.263	202	259916	5.328	ng		97
77) Benzidine	19.451	184	45632m	4.374	ng		
78) Pyrene	19.627	202	267091	5.203	ng		98
80) Butylbenzylphthalate	20.520	149	69443	4.384	ng		99
81) Benzo(a)anthracene	21.431	228	258137	5.157	ng		96
82) 3,3'-Dichlorobenzidine	21.354	252	70347	4.524	ng		97
83) Chrysene	21.496	228	253347	5.212	ng		95
84) Bis(2-ethylhexyl)phtha...	21.343	149	110906	4.580	ng		98
85) Di-n-octyl phthalate	22.477	149	190359	4.512	ng		96
87) Indeno(1,2,3-cd)pyrene	27.888	276	269044	4.797	ng	#	88
88) Benzo(b)fluoranthene	23.517	252	258524	5.122	ng		98
89) Benzo(k)fluoranthene	23.581	252	247867	4.894	ng		94
90) Benzo(a)pyrene	24.333	252	220584m	4.920	ng		
91) Dibenzo(a,h)anthracene	27.935	278	219903m	4.744	ng		
92) Benzo(g,h,i)perylene	28.946	276	240586m	5.041	ng		

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

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