Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082724\
Data File : BG062580.D
Acq On : 27 Aug 2024 15:48
Operator : MA/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Quant Time: Aug 28 00:46:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 28 00:44:36 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.938	152	49957	20.000	ng		0.00
21) Naphthalene-d8	10.728	136	202832	20.000	ng	#	0.00
39) Acenaphthene-d10	14.559	164	152386	20.000	ng		0.00
64) Phenanthrene-d10	17.297	188	387023	20.000	ng		0.00
76) Chrysene-d12	21.545	240	452874	20.000	ng		0.00
86) Perylene-d12	24.630	264	498544	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.517	112	29812	10.705	ng		0.00
7) Phenol-d6	7.097	99	38038	9.590	ng		0.00
23) Nitrobenzene-d5	9.083	82	25488	8.340	ng		0.00
42) 2,4,6-Tribromophenol	16.046	330	14977	8.897	ng		0.00
45) 2-Fluorobiphenyl	13.179	172	97460	10.516	ng		0.00
79) Terphenyl-d14	19.918	244	227826	10.518	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.431	88	8285	6.245	ng		92
3) Pyridine	3.831	79	18915	5.250	ng		84
4) n-Nitrosodimethylamine	3.743	42	10712m	5.570	ng		
6) Aniline	7.256	93	18048	4.821	ng		94
8) 2-Chlorophenol	7.497	128	14207	4.735	ng		93
9) Benzaldehyde	7.074	77	14503	5.791	ng		89
10) Phenol	7.127	94	20284	4.927	ng		98
11) bis(2-Chloroethyl)ether	7.356	93	16510	4.932	ng		95
12) 1,3-Dichlorobenzene	7.826	146	18504	5.267	ng		92
13) 1,4-Dichlorobenzene	7.967	146	19017	5.312	ng		96
14) 1,2-Dichlorobenzene	8.284	146	18698	5.338	ng		94
15) Benzyl Alcohol	8.167	79	11821	4.281	ng		89
16) 2,2'-oxybis(1-Chloropr...	8.466	45	30503	4.797	ng		98
17) 2-Methylphenol	8.372	107	13301	4.837	ng	#	94
18) Hexachloroethane	9.013	117	5715	4.785	ng		90
19) n-Nitroso-di-n-propyla...	8.737	70	11595	4.365	ng		91
20) 3+4-Methylphenols	8.701	107	17014	4.525	ng		94
22) Acetophenone	8.748	105	26758	5.287	ng	#	98
24) Nitrobenzene	9.130	77	13543	4.092	ng		94
25) Isophorone	9.653	82	35867	4.838	ng	#	95
26) 2-Nitrophenol	9.835	139	3535	5.737	ng		95
27) 2,4-Dimethylphenol	9.900	122	8670	4.475	ng		97
28) bis(2-Chloroethoxy)met...	10.129	93	20574	4.788	ng		95
29) 2,4-Dichlorophenol	10.376	162	12494	4.356	ng		92
30) 1,2,4-Trichlorobenzene	10.587	180	18412	5.255	ng		94
31) Naphthalene	10.775	128	53464	5.281	ng	#	96
33) 4-Chloroaniline	10.881	127	17301	4.704	ng		95
34) Hexachlorobutadiene	11.069	225	12673	5.544	ng		99
35) Caprolactam	11.622	113	3161	4.088	ng	#	86
36) 4-Chloro-3-methylphenol	12.003	107	14130	4.546	ng		99
37) 2-Methylnaphthalene	12.385	142	36923	5.413	ng		91
38) 1-Methylnaphthalene	12.603	142	36569m	5.358	ng		
40) 1,2,4,5-Tetrachloroben...	12.750	216	22428	5.168	ng		97
41) Hexachlorocyclopentadiene	12.738	237	4197	3.846	ng		94
43) 2,4,6-Trichlorophenol	12.991	196	10399	4.186	ng		91
44) 2,4,5-Trichlorophenol	13.061	196	13285	4.538	ng		89

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.390	154	52980	5.196	ng		97
47) 2-Chloronaphthalene	13.431	162	42074	5.170	ng		93
48) 2-Nitroaniline	13.625	65	4879	6.222	ng		93
49) Acenaphthylene	14.277	152	60920	4.911	ng		99
50) Dimethylphthalate	14.007	163	46309	4.677	ng		97
51) 2,6-Dinitrotoluene	14.124	165	5605	6.523	ng		84
52) Acenaphthene	14.618	154	39568m	5.170	ng		
53) 3-Nitroaniline	14.453	138	5836	3.550	ng		97
55) Dibenzofuran	14.953	168	68143	5.192	ng		99
57) 2,4-Dinitrotoluene	14.912	165	7942	3.510	ng	#	93
58) Fluorene	15.605	166	53902	5.230	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.182	232	11707	4.393	ng	#	95
60) Diethylphthalate	15.370	149	44176	4.655	ng		99
61) 4-Chlorophenyl-phenyle...	15.599	204	30023	5.482	ng		97
62) 4-Nitroaniline	15.611	138	6236	3.418	ng	#	84
63) Azobenzene	15.887	77	49850	4.623	ng		98
66) n-Nitrosodiphenylamine	15.811	169	44062	4.687	ng		97
67) 4-Bromophenyl-phenylether	16.492	248	18654	5.007	ng		92
68) Hexachlorobenzene	16.610	284	21244	4.935	ng		96
69) Atrazine	16.757	200	14935	5.841	ng		98
70) Pentachlorophenol	16.951	266	9784m	3.792	ng		
71) Phenanthrene	17.344	178	97429	5.227	ng		98
72) Anthracene	17.432	178	92311	5.062	ng		99
73) Carbazole	17.703	167	86382	5.106	ng		96
74) Di-n-butylphthalate	18.267	149	66463	4.490	ng		98
75) Fluoranthene	19.354	202	126954	5.441	ng		98
77) Benzidine	19.530	184	20516	6.941	ng		97
78) Pyrene	19.718	202	136914	4.755	ng		96
80) Butylbenzylphthalate	20.611	149	17136	7.309	ng		91
81) Benzo(a)anthracene	21.528	228	146775	5.089	ng		99
82) 3,3'-Dichlorobenzidine	21.445	252	31455	4.123	ng		92
83) Chrysene	21.592	228	146077	5.176	ng		99
84) Bis(2-ethylhexyl)phtha...	21.451	149	31198	3.423	ng	#	99
87) Indeno(1,2,3-cd)pyrene	28.090	276	152485	4.850	ng	#	96
88) Benzo(b)fluoranthene	23.649	252	137491	4.924	ng		97
89) Benzo(k)fluoranthene	23.713	252	138287	4.991	ng		97
90) Benzo(a)pyrene	24.477	252	122326	4.983	ng		99
91) Dibenzo(a,h)anthracene	28.161	278	123311	4.746	ng		95
92) Benzo(g,h,i)perylene	29.172	276	128687	4.872	ng	#	96

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

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