Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082724\
Data File : BG062587.D
Acq On : 27 Aug 2024 20:35
Operator : MA/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG082724

Quant Time: Aug 28 01:03:58 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 00:59:59 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.930	152	68381	20.000	ng		0.00
21) Naphthalene-d8	10.727	136	311755	20.000	ng		0.00
39) Acenaphthene-d10	14.558	164	246924	20.000	ng		0.00
64) Phenanthrene-d10	17.302	188	593569	20.000	ng		0.00
76) Chrysene-d12	21.549	240	552347	20.000	ng		0.00
86) Perylene-d12	24.628	264	637894	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.515	112	262772	68.936	ng		0.00
7) Phenol-d6	7.102	99	380457	70.072	ng		0.00
23) Nitrobenzene-d5	9.088	82	370308	78.832	ng		0.00
42) 2,4,6-Tribromophenol	16.044	330	198359	72.722	ng		0.00
45) 2-Fluorobiphenyl	13.177	172	980553	65.297	ng		0.00
79) Terphenyl-d14	19.916	244	1868893	70.742	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.435	88	55685	30.667	ng		98
3) Pyridine	3.823	79	148321m	30.012	ng		
4) n-Nitrosodimethylamine	3.741	42	82453m	31.325	ng		
6) Aniline	7.260	93	241542	47.134	ng		98
8) 2-Chlorophenol	7.501	128	149452	36.392	ng		97
9) Benzaldehyde	7.072	77	133883m	39.061	ng		
10) Phenol	7.125	94	206875	36.713	ng		95
11) bis(2-Chloroethyl)ether	7.354	93	161963	35.347	ng		99
12) 1,3-Dichlorobenzene	7.824	146	162683	33.830	ng		99
13) 1,4-Dichlorobenzene	7.971	146	166735	34.028	ng		98
14) 1,2-Dichlorobenzene	8.283	146	160669	33.510	ng		99
15) Benzyl Alcohol	8.165	79	157208	41.589	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.453	45	330369	37.960	ng		99
17) 2-Methylphenol	8.371	107	140586	37.352	ng		99
18) Hexachloroethane	9.011	117	59373	36.317	ng		95
19) n-Nitroso-di-n-propyla...	8.735	70	148628	40.875	ng		99
20) 3+4-Methylphenols	8.700	107	195505	37.986	ng		98
22) Acetophenone	8.747	105	290203	37.303	ng	#	99
24) Nitrobenzene	9.129	77	198676	39.056	ng		99
25) Isophorone	9.652	82	441792	38.772	ng		99
26) 2-Nitrophenol	9.840	139	73315	42.664	ng		96
27) 2,4-Dimethylphenol	9.898	122	133519	44.837	ng		95
28) bis(2-Chloroethoxy)met...	10.133	93	249756	37.815	ng		98
29) 2,4-Dichlorophenol	10.374	162	163930	37.184	ng		97
30) 1,2,4-Trichlorobenzene	10.592	180	188744	35.046	ng		99
31) Naphthalene	10.774	128	528454	33.960	ng		99
32) Benzoic acid	10.028	122	93808m	38.082	ng		
33) 4-Chloroaniline	10.880	127	233588	41.322	ng		99
34) Hexachlorobutadiene	11.062	225	119208	33.929	ng		94
35) Caprolactam	11.655	113	53999	45.455	ng	#	88
36) 4-Chloro-3-methylphenol	12.008	107	188349	39.429	ng		100
37) 2-Methylnaphthalene	12.384	142	388589	37.063	ng		97
38) 1-Methylnaphthalene	12.601	142	362810	34.584	ng		96
40) 1,2,4,5-Tetrachloroben...	12.748	216	236454	33.622	ng		99
41) Hexachlorocyclopentadiene	12.730	237	91035	51.484	ng		97
43) 2,4,6-Trichlorophenol	12.989	196	150396	37.364	ng		95

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44) 2,4,5-Trichlorophenol	13.059	196	163984	34.568	ng		95
46) 1,1'-Biphenyl	13.388	154	558684	33.816	ng		99
47) 2-Chloronaphthalene	13.430	162	431835	32.748	ng		98
48) 2-Nitroaniline	13.629	65	110711	40.261	ng		92
49) Acenaphthylene	14.276	152	744571	37.039	ng		99
50) Dimethylphthalate	14.011	163	595885	37.137	ng		100
51) 2,6-Dinitrotoluene	14.129	165	107322	35.539	ng		95
52) Acenaphthene	14.622	154	433859	34.982	ng		96
53) 3-Nitroaniline	14.458	138	115358	43.301	ng		96
54) 2,4-Dinitrophenol	14.663	184	57517	39.397	ng		96
55) Dibenzofuran	14.951	168	731240	34.386	ng		100
56) 4-Nitrophenol	14.769	139	99336	39.462	ng		98
57) 2,4-Dinitrotoluene	14.916	165	146405	39.933	ng		98
58) Fluorene	15.604	166	561794	33.641	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.180	232	164790	38.160	ng		98
60) Diethylphthalate	15.374	149	593626	38.606	ng		99
61) 4-Chlorophenyl-phenyle...	15.598	204	297383	33.509	ng		99
62) 4-Nitroaniline	15.621	138	121552	41.114	ng		97
63) Azobenzene	15.891	77	624500	35.741	ng		99
65) 4,6-Dinitro-2-methylph...	15.680	198	81913	40.792	ng		97
66) n-Nitrosodiphenylamine	15.809	169	523374	36.302	ng		98
67) 4-Bromophenyl-phenylether	16.491	248	198250	34.699	ng		95
68) Hexachlorobenzene	16.608	284	225742	34.193	ng		98
69) Atrazine	16.761	200	197005	50.236	ng		96
70) Pentachlorophenol	16.949	266	142652	36.053	ng		98
71) Phenanthrene	17.343	178	1008595	35.284	ng		100
72) Anthracene	17.431	178	1026988	36.720	ng		99
73) Carbazole	17.701	167	892487	34.396	ng		98
74) Di-n-butylphthalate	18.265	149	891028	39.252	ng		99
75) Fluoranthene	19.352	202	1183681	33.078	ng		99
77) Benzidine	19.534	184	333919	38.712	ng		100
78) Pyrene	19.716	202	1233134	35.114	ng		100
80) Butylbenzylphthalate	20.609	149	295131	38.405	ng		100
81) Benzo(a)anthracene	21.526	228	1253447	35.632	ng		100
82) 3,3'-Dichlorobenzidine	21.450	252	404177	43.437	ng		100
83) Chrysene	21.591	228	1205619	35.025	ng		100
84) Bis(2-ethylhexyl)phtha...	21.444	149	471549	42.420	ng		98
85) Di-n-octyl phthalate	22.613	149	871229	41.510	ng		96
87) Indeno(1,2,3-cd)pyrene	28.107	276	1461550	36.334	ng	#	95
88) Benzo(b)fluoranthene	23.653	252	1195252	33.453	ng		100
89) Benzo(k)fluoranthene	23.718	252	1252465	35.332	ng		99
90) Benzo(a)pyrene	24.481	252	1163412	37.040	ng		99
91) Dibenzo(a,h)anthracene	28.165	278	1198229	36.045	ng		98
92) Benzo(g,h,i)perylene	29.193	276	1099772	32.542	ng		97

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

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