Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062223\
Data File : BG057803.D
Acq On : 22 Jun 2023 10:00
Operator : CG/JU
Sample : PB153645BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 22 12:04:58 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 20 03:40:38 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB153645BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.919	152	36489	20.000	ng	0.00
21) Naphthalene-d8	10.728	136	168832	20.000	ng	0.00
39) Acenaphthene-d10	14.558	164	123086	20.000	ng	0.00
64) Phenanthrene-d10	17.302	188	304503	20.000	ng	0.00
76) Chrysene-d12	21.562	240	258712	20.000	ng	0.00
86) Perylene-d12	24.711	264	319433	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	329037	139.040	ng	0.00
7) Phenol-d6	7.085	99	466778	129.269	ng	0.00
23) Nitrobenzene-d5	9.082	82	261513	79.498	ng	-0.01
42) 2,4,6-Tribromophenol	16.051	330	215372	125.612	ng	0.00
45) 2-Fluorobiphenyl	13.183	172	611999	75.414	ng	0.00
79) Terphenyl-d14	19.923	244	1154389	83.203	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.395	88	39746	36.897	ng	95
3) Pyridine	3.789	79	98377	29.985	ng	96
4) n-Nitrosodimethylamine	3.700	42	54622	36.435	ng	90
6) Aniline	7.249	93	131678	28.480	ng	95
8) 2-Chlorophenol	7.484	128	122453	50.298	ng	97
9) Benzaldehyde	7.055	77	23539m	10.367	ng	
10) Phenol	7.114	94	175173	49.271	ng	95
11) bis(2-Chloroethyl)ether	7.343	93	114162	41.764	ng	94
12) 1,3-Dichlorobenzene	7.813	146	107064	43.213	ng	96
13) 1,4-Dichlorobenzene	7.960	146	110279	43.928	ng	96
14) 1,2-Dichlorobenzene	8.277	146	109709	45.164	ng	98
15) Benzyl Alcohol	8.160	79	120461	43.629	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.454	45	194942	37.125	ng	97
17) 2-Methylphenol	8.360	107	117904	45.089	ng	98
18) Hexachloroethane	9.006	117	40052	45.246	ng	96
19) n-Nitroso-di-n-propyla...	8.730	70	97906	38.891	ng	93
20) 3+4-Methylphenols	8.689	107	164158	45.448	ng	98
22) Acetophenone	8.742	105	195393	41.271	ng	98
24) Nitrobenzene	9.129	77	139936	40.873	ng	95
25) Isophorone	9.646	82	289311	38.495	ng	97
26) 2-Nitrophenol	9.840	139	62416	57.304	ng	94
27) 2,4-Dimethylphenol	9.893	122	126558	46.931	ng	100
28) bis(2-Chloroethoxy)met...	10.134	93	167383	41.356	ng	99
29) 2,4-Dichlorophenol	10.369	162	120657	47.116	ng	99
30) 1,2,4-Trichlorobenzene	10.587	180	120478	42.207	ng	97
31) Naphthalene	10.775	128	365575	40.684	ng	99
32) Benzoic acid	10.034	122	101691	51.218	ng	95
33) 4-Chloroaniline	10.880	127	68552	16.465	ng	96
34) Hexachlorobutadiene	11.062	225	71043	40.795	ng	98
35) Caprolactam	11.656	113	47650m	45.855	ng	
36) 4-Chloro-3-methylphenol	12.008	107	151426	45.277	ng	98
37) 2-Methylnaphthalene	12.384	142	258828	39.518	ng	98
38) 1-Methylnaphthalene	12.602	142	246785	39.915	ng	99
40) 1,2,4,5-Tetrachloroben...	12.755	216	139901	40.999	ng	99
41) Hexachlorocyclopentadiene	12.731	237	185676	102.494	ng	98
43) 2,4,6-Trichlorophenol	12.990	196	112788	46.162	ng	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.060	196	123986	43.534	ng		98
46) 1,1'-Biphenyl	13.395	154	349025	41.298	ng		97
47) 2-Chloronaphthalene	13.436	162	272462	41.964	ng		99
48) 2-Nitroaniline	13.636	65	108791	47.150	ng		97
49) Acenaphthylene	14.282	152	452141	40.571	ng		98
50) Dimethylphthalate	14.018	163	388274	41.071	ng		99
51) 2,6-Dinitrotoluene	14.135	165	84399	48.481	ng		91
52) Acenaphthene	14.623	154	324487m	47.032	ng		
53) 3-Nitroaniline	14.458	138	54244	27.649	ng		91
54) 2,4-Dinitrophenol	14.670	184	102298	108.366	ng		99
55) Dibenzofuran	14.958	168	448895	40.465	ng		99
56) 4-Nitrophenol	14.770	139	162123	103.982	ng		95
57) 2,4-Dinitrotoluene	14.923	165	121021	51.263	ng		93
58) Fluorene	15.610	166	359946	40.990	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.181	232	113147	46.617	ng		99
60) Diethylphthalate	15.381	149	404450	41.701	ng		98
61) 4-Chlorophenyl-phenyle...	15.598	204	191982	41.116	ng		98
62) 4-Nitroaniline	15.628	138	90766	45.381	ng		97
63) Azobenzene	15.892	77	389427	39.253	ng		98
65) 4,6-Dinitro-2-methylph...	15.681	198	72301	51.278	ng		94
66) n-Nitrosodiphenylamine	15.816	169	326152	40.583	ng		97
67) 4-Bromophenyl-phenylether	16.491	248	130348	40.363	ng		98
68) Hexachlorobenzene	16.609	284	143544	43.602	ng		97
69) Atrazine	16.762	200	125203	45.383	ng		95
70) Pentachlorophenol	16.950	266	203416	83.637	ng		98
71) Phenanthrene	17.349	178	604836	41.024	ng		99
72) Anthracene	17.437	178	617707	41.030	ng		99
73) Carbazole	17.708	167	597055	43.012	ng		99
74) Di-n-butylphthalate	18.266	149	712447	43.346	ng		99
75) Fluoranthene	19.359	202	738402	42.041	ng		99
77) Benzidine	19.535	184	178321	29.404	ng		99
78) Pyrene	19.717	202	758869	41.119	ng		99
80) Butylbenzylphthalate	20.610	149	320948	45.716	ng		95
81) Benzo(a)anthracene	21.538	228	765246	43.112	ng		100
82) 3,3'-Dichlorobenzidine	21.456	252	238127	39.444	ng		99
83) Chrysene	21.603	228	711200	41.750	ng		99
84) Bis(2-ethylhexyl)phtha...	21.456	149	450101	44.158	ng		100
85) Di-n-octyl phthalate	22.643	149	823899	46.084	ng		96
87) Indeno(1,2,3-cd)pyrene	28.295	276	933046	44.675	ng	#	93
88) Benzo(b)fluoranthene	23.712	252	801551	45.791	ng		99
89) Benzo(k)fluoranthene	23.777	252	790514	44.341	ng		100
90) Benzo(a)pyrene	24.564	252	714443	41.559	ng		99
91) Dibenzo(a,h)anthracene	28.366	278	781006	45.070	ng		97
92) Benzo(g,h,i)perylene	29.429	276	762143	43.925	ng		98

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

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