Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062223\
Data File : BG057822.D
Acq On : 23 Jun 2023 00:27
Operator : CG/JU
Sample : 03320-02MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 23 03:47:51 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 :
WC-19MSD

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	7.924	152	34404	20.000	ng	0.00
21) Naphthalene-d8	10.721	136	154055	20.000	ng	-0.01
39) Acenaphthene-d10	14.557	164	115216	20.000	ng	0.00
64) Phenanthrene-d10	17.301	188	296042	20.000	ng	0.00
76) Chrysene-d12	21.555	240	249490	20.000	ng	0.00
86) Perylene-d12	24.698	264	315976	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.491	112	317714	142.392	ng	0.00
7) Phenol-d6	7.084	99	445343	130.807	ng	0.00
23) Nitrobenzene-d5	9.081	82	284750	94.865	ng	-0.01
42) 2,4,6-Tribromophenol	16.044	330	252480	157.313	ng	0.00
45) 2-Fluorobiphenyl	13.182	172	663247	87.312	ng	0.00
79) Terphenyl-d14	19.916	244	1297494	96.974	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.406	88	35701	35.150	ng	# 30
3) Pyridine	3.805	79	106279	34.356	ng	94
4) n-Nitrosodimethylamine	3.711	42	53858	38.103	ng	93
6) Aniline	7.248	93	136425	31.295	ng	97
8) 2-Chlorophenol	7.483	128	120066	52.307	ng	98
9) Benzaldehyde	7.060	77	48050m	22.446	ng	
10) Phenol	7.107	94	162604	48.507	ng	97
11) bis(2-Chloroethyl)ether	7.342	93	114791	44.539	ng	93
12) 1,3-Dichlorobenzene	7.812	146	98480	42.157	ng	94
13) 1,4-Dichlorobenzene	7.959	146	103828	43.865	ng	96
14) 1,2-Dichlorobenzene	8.276	146	102716	44.848	ng	99
15) Benzyl Alcohol	8.159	79	130190	50.010	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.453	45	189293	38.234	ng	96
17) 2-Methylphenol	8.359	107	120308	48.797	ng	96
18) Hexachloroethane	9.005	117	36170	43.337	ng	97
19) n-Nitroso-di-n-propyla...	8.723	70	103772	43.720	ng	95
20) 3+4-Methylphenols	8.688	107	171074	50.233	ng	99
22) Acetophenone	8.740	105	201112	46.553	ng	96
24) Nitrobenzene	9.122	77	143179	45.832	ng	95
25) Isophorone	9.645	82	311170	45.375	ng	98
26) 2-Nitrophenol	9.833	139	63543	63.935	ng	98
27) 2,4-Dimethylphenol	9.898	122	134201	54.539	ng	99
28) bis(2-Chloroethoxy)met...	10.127	93	173957	47.103	ng	100
29) 2,4-Dichlorophenol	10.374	162	133047	56.938	ng	98
30) 1,2,4-Trichlorobenzene	10.585	180	119741	45.973	ng	96
31) Naphthalene	10.773	128	370648	45.206	ng	100
32) Benzoic acid	10.062	122	106996	59.059	ng	98
33) 4-Chloroaniline	10.879	127	63194	16.634	ng	96
34) Hexachlorobutadiene	11.055	225	69738	43.886	ng	97
35) Caprolactam	11.661	113	44343m	46.765	ng	
36) 4-Chloro-3-methylphenol	12.007	107	171695	56.262	ng	100
37) 2-Methylnaphthalene	12.383	142	271409	45.413	ng	97
38) 1-Methylnaphthalene	12.601	142	260073	46.099	ng	99
40) 1,2,4,5-Tetrachloroben...	12.748	216	148562	46.511	ng	99
41) Hexachlorocyclopentadiene	12.730	237	189257	111.606	ng	97
43) 2,4,6-Trichlorophenol	12.988	196	124924	54.622	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.059	196	139219	52.222	ng	96
46) 1,1'-Biphenyl	13.394	154	380502	48.097	ng	99
47) 2-Chloronaphthalene	13.435	162	292241	48.084	ng	96
48) 2-Nitroaniline	13.635	65	122792	56.853	ng	96
49) Acenaphthylene	14.281	152	499617	47.893	ng	99
50) Dimethylphthalate	14.017	163	435833	49.251	ng	99
51) 2,6-Dinitrotoluene	14.128	165	95831	58.808	ng	94
52) Acenaphthene	14.622	154	357906m	55.420	ng	
53) 3-Nitroaniline	14.457	138	56862	30.963	ng	92
54) 2,4-Dinitrophenol	14.663	184	120654	135.137	ng	99
55) Dibenzofuran	14.957	168	497944	47.952	ng	98
56) 4-Nitrophenol	14.769	139	162895	111.614	ng	91
57) 2,4-Dinitrotoluene	14.916	165	138842	62.829	ng	95
58) Fluorene	15.603	166	399676	48.623	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.180	232	127017	55.906	ng	99
60) Diethylphthalate	15.374	149	447308	49.270	ng	98
61) 4-Chlorophenyl-phenyle...	15.597	204	216075	49.437	ng	97
62) 4-Nitroaniline	15.627	138	94171	50.300	ng	96
63) Azobenzene	15.891	77	434349	46.772	ng	97
65) 4,6-Dinitro-2-methylph...	15.679	198	83260	59.759	ng	89
66) n-Nitrosodiphenylamine	15.809	169	361616	46.281	ng	99
67) 4-Bromophenyl-phenylether	16.490	248	148269	47.225	ng	95
68) Hexachlorobenzene	16.602	284	163185	50.985	ng	99
69) Atrazine	16.755	200	93484	34.854	ng	97
70) Pentachlorophenol	16.949	266	228245	96.528	ng	98
71) Phenanthrene	17.342	178	676016	47.162	ng	100
72) Anthracene	17.436	178	684826	46.788	ng	99
73) Carbazole	17.701	167	658231	48.774	ng	98
74) Di-n-butylphthalate	18.265	149	787079	49.256	ng	100
75) Fluoranthene	19.352	202	818173	47.914	ng	99
77) Benzidine	19.557	184	122751m	20.989	ng	
78) Pyrene	19.716	202	836243	46.987	ng	100
80) Butylbenzylphthalate	20.603	149	346604	51.195	ng	95
81) Benzo(a)anthracene	21.531	228	837065	48.902	ng	100
82) 3,3'-Dichlorobenzidine	21.449	252	111802	19.204	ng	99
83) Chrysene	21.596	228	775982	47.237	ng	99
84) Bis(2-ethylhexyl)phtha...	21.449	149	497167	50.578	ng	100
85) Di-n-octyl phthalate	22.636	149	880867	51.091	ng	96
87) Indeno(1,2,3-cd)pyrene	28.282	276	1039077	50.297	ng	100
88) Benzo(b)fluoranthene	23.699	252	898813	51.909	ng	98
89) Benzo(k)fluoranthene	23.770	252	857000	48.597	ng	99
90) Benzo(a)pyrene	24.551	252	786169	46.231	ng	99
91) Dibenzo(a,h)anthracene	28.353	278	866253	50.537	ng	99
92) Benzo(g,h,i)perylene	29.410	276	848034	49.410	ng	99

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

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