Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081823\
Data File : BG058780.D
Acq On : 18 Aug 2023 17:30
Operator : MA/JU
Sample : PB154909BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 21 02:12:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 21 01:40:57 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB154909BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.806	152	22032	20.000	ng		0.00
21) Naphthalene-d8	10.609	136	94652	20.000	ng		0.00
39) Acenaphthene-d10	14.457	164	67555	20.000	ng		0.00
64) Phenanthrene-d10	17.207	188	173755	20.000	ng		0.00
76) Chrysene-d12	21.449	240	147296	20.000	ng		0.00
86) Perylene-d12	24.522	264	186163	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.386	112	219201	160.108	ng		0.00
7) Phenol-d6	6.984	99	297567	154.915	ng		0.00
23) Nitrobenzene-d5	8.976	82	181953	92.421	ng		0.00
42) 2,4,6-Tribromophenol	15.956	330	158148	149.302	ng		0.00
45) 2-Fluorobiphenyl	13.077	172	419908	90.406	ng		0.00
79) Terphenyl-d14	19.828	244	831821	101.402	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.265	88	26207	40.715	ng		95
3) Pyridine	3.658	79	65137	38.295	ng		95
4) n-Nitrosodimethylamine	3.582	42	46558	50.348	ng	#	99
6) Aniline	7.137	93	96221	40.979	ng		99
8) 2-Chlorophenol	7.377	128	80438	58.108	ng		99
9) Benzaldehyde	6.949	77	37111m	34.443	ng		
10) Phenol	7.013	94	109710	59.232	ng		95
11) bis(2-Chloroethyl)ether	7.231	93	76588	52.992	ng		99
12) 1,3-Dichlorobenzene	7.695	146	77758	52.883	ng		99
13) 1,4-Dichlorobenzene	7.842	146	80410	54.079	ng		98
14) 1,2-Dichlorobenzene	8.159	146	77531	53.949	ng		99
15) Benzyl Alcohol	8.053	79	81179	59.110	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.341	45	160001m	51.947	ng		
17) 2-Methylphenol	8.259	107	73240	53.837	ng		98
18) Hexachloroethane	8.887	117	29663	54.754	ng		97
19) n-Nitroso-di-n-propyla...	8.617	70	62633	50.444	ng		98
20) 3+4-Methylphenols	8.588	107	100640	55.025	ng		95
22) Acetophenone	8.635	105	126478	49.363	ng	#	98
24) Nitrobenzene	9.017	77	95106	48.571	ng		97
25) Isophorone	9.534	82	186952	47.751	ng		97
26) 2-Nitrophenol	9.728	139	43213	52.768	ng		97
27) 2,4-Dimethylphenol	9.792	122	73183	52.729	ng		94
28) bis(2-Chloroethoxy)met...	10.021	93	103882	50.092	ng		100
29) 2,4-Dichlorophenol	10.268	162	79933	56.047	ng		97
30) 1,2,4-Trichlorobenzene	10.474	180	86323	50.123	ng		99
31) Naphthalene	10.662	128	241663	48.626	ng		99
32) Benzoic acid	9.969	122	42918m	50.164	ng		
33) 4-Chloroaniline	10.779	127	73732	35.178	ng		99
34) Hexachlorobutadiene	10.938	225	55947	48.133	ng		97
35) Caprolactam	11.561	113	29273m	57.280	ng		
36) 4-Chloro-3-methylphenol	11.907	107	95478	53.833	ng		100
37) 2-Methylnaphthalene	12.278	142	168967	47.337	ng		99
38) 1-Methylnaphthalene	12.495	142	163868	48.363	ng		100
40) 1,2,4,5-Tetrachloroben...	12.648	216	101184	48.585	ng		98
41) Hexachlorocyclopentadiene	12.618	237	90402	107.004	ng		96
43) 2,4,6-Trichlorophenol	12.895	196	71259	53.773	ng		99

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44) 2,4,5-Trichlorophenol	12.971	196	78513	49.476	ng		98
46) 1,1'-Biphenyl	13.288	154	228779	49.160	ng		97
47) 2-Chloronaphthalene	13.335	162	182226	50.246	ng		99
48) 2-Nitroaniline	13.547	65	72483	52.624	ng		95
49) Acenaphthylene	14.181	152	305529	50.801	ng		99
50) Dimethylphthalate	13.917	163	263531	50.382	ng		99
51) 2,6-Dinitrotoluene	14.040	165	57103	51.964	ng		95
52) Acenaphthene	14.522	154	170838	48.609	ng		99
53) 3-Nitroaniline	14.375	138	43235	40.793	ng		94
54) 2,4-Dinitrophenol	14.593	184	63560	101.467	ng		97
55) Dibenzofuran	14.857	168	300319	49.536	ng		99
56) 4-Nitrophenol	14.698	139	86652	111.174	ng		97
57) 2,4-Dinitrotoluene	14.833	165	84925	55.409	ng		93
58) Fluorene	15.509	166	245612	50.906	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.086	232	75855	58.577	ng		94
60) Diethylphthalate	15.280	149	276007	51.179	ng		99
61) 4-Chlorophenyl-phenyle...	15.497	204	133112	49.775	ng		97
62) 4-Nitroaniline	15.544	138	58796	54.665	ng		99
63) Azobenzene	15.791	77	248577	50.198	ng		98
65) 4,6-Dinitro-2-methylph...	15.603	198	50142	51.054	ng		96
66) n-Nitrosodiphenylamine	15.721	169	221313	49.419	ng		97
67) 4-Bromophenyl-phenylether	16.390	248	92761	48.650	ng		99
68) Hexachlorobenzene	16.514	284	104124	50.740	ng		98
69) Atrazine	16.667	200	96491	60.882	ng		97
70) Pentachlorophenol	16.860	266	93590	86.975	ng		100
71) Phenanthrene	17.248	178	416991	49.990	ng		99
72) Anthracene	17.336	178	419099	50.095	ng		100
73) Carbazole	17.613	167	399437	52.138	ng		100
74) Di-n-butylphthalate	18.165	149	488947	50.592	ng		100
75) Fluoranthene	19.264	202	516960	49.975	ng		99
77) Benzidine	19.452	184	198191	75.077	ng		98
78) Pyrene	19.628	202	527983	51.445	ng		99
80) Butylbenzylphthalate	20.509	149	218073	52.391	ng		96
81) Benzo(a)anthracene	21.432	228	532653	51.950	ng		97
82) 3,3'-Dichlorobenzidine	21.349	252	153683	43.415	ng		98
83) Chrysene	21.496	228	493636	49.949	ng		99
84) Bis(2-ethylhexyl)phtha...	21.332	149	314141	51.458	ng		98
85) Di-n-octyl phthalate	22.483	149	548918	52.277	ng		100
87) Indeno(1,2,3-cd)pyrene	28.030	276	665328	52.824	ng	#	93
88) Benzo(b)fluoranthene	23.547	252	565160	54.714	ng		99
89) Benzo(k)fluoranthene	23.617	252	530893	49.837	ng		99
90) Benzo(a)pyrene	24.381	252	497355	48.901	ng		99
91) Dibenzo(a,h)anthracene	28.077	278	548659	53.012	ng		100
92) Benzo(g,h,i)perylene	29.123	276	535199	51.722	ng		97

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

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