Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081623\
Data File : BG058742.D
Acq On : 16 Aug 2023 10:38
Operator : MA/JU
Sample : PB154844BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 16 11:12:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 28 22:29:07 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB154844BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.812	152	31606	20.000	ng	0.00
21) Naphthalene-d8	10.615	136	137469	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	102277	20.000	ng	0.00
64) Phenanthrene-d10	17.207	188	262382	20.000	ng	0.00
76) Chrysene-d12	21.449	240	216172	20.000	ng	0.00
86) Perylene-d12	24.522	264	270339	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.385	112	267852	129.533	ng	0.00
7) Phenol-d6	6.984	99	363516	126.337	ng	0.00
23) Nitrobenzene-d5	8.975	82	226611	80.981	ng	0.00
42) 2,4,6-Tribromophenol	15.955	330	196848	117.424	ng	0.00
45) 2-Fluorobiphenyl	13.082	172	532255	77.988	ng	0.00
79) Terphenyl-d14	19.827	244	998964	86.902	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.264	88	31829	31.765	ng	# 90
3) Pyridine	3.658	79	79354	29.048	ng	# 83
4) n-Nitrosodimethylamine	3.576	42	54386	46.986	ng	80
6) Aniline	7.136	93	100651	28.412	ng	96
8) 2-Chlorophenol	7.377	128	100777	49.678	ng	99
9) Benzaldehyde	6.948	77	38080	24.359	ng	98
10) Phenol	7.013	94	134647	47.905	ng	93
11) bis(2-Chloroethyl)ether	7.236	93	91992	41.515	ng	93
12) 1,3-Dichlorobenzene	7.694	146	96788	44.682	ng	97
13) 1,4-Dichlorobenzene	7.847	146	99740	45.857	ng	98
14) 1,2-Dichlorobenzene	8.164	146	94336	45.365	ng	97
15) Benzyl Alcohol	8.053	79	99914	54.755	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.341	45	198039	55.019	ng	95
17) 2-Methylphenol	8.258	107	96031	46.727	ng	97
18) Hexachloroethane	8.887	117	36007	45.546	ng	94
19) n-Nitroso-di-n-propyla...	8.617	70	80278	43.194	ng	93
20) 3+4-Methylphenols	8.588	107	128036	46.058	ng	98
22) Acetophenone	8.635	105	156588	42.541	ng	93
24) Nitrobenzene	9.016	77	119575	42.032	ng	98
25) Isophorone	9.533	82	236695	40.937	ng	99
26) 2-Nitrophenol	9.727	139	53937	43.555	ng	97
27) 2,4-Dimethylphenol	9.792	122	90462	44.039	ng	96
28) bis(2-Chloroethoxy)met...	10.021	93	130854	41.587	ng	100
29) 2,4-Dichlorophenol	10.268	162	99744	46.767	ng	98
30) 1,2,4-Trichlorobenzene	10.479	180	108097	43.949	ng	98
31) Naphthalene	10.662	128	302154	41.703	ng	98
32) Benzoic acid	9.962	122	57180	37.560	ng	93
33) 4-Chloroaniline	10.779	127	63829	20.851	ng	98
34) Hexachlorobutadiene	10.944	225	68965	43.539	ng	97
35) Caprolactam	11.560	113	35635m	45.246	ng	
36) 4-Chloro-3-methylphenol	11.913	107	123216	46.703	ng	96
37) 2-Methylnaphthalene	12.277	142	213040	41.106	ng	98
38) 1-Methylnaphthalene	12.501	142	205778	41.769	ng	98
40) 1,2,4,5-Tetrachloroben...	12.647	216	126597	40.317	ng	99
41) Hexachlorocyclopentadiene	12.624	237	110119	75.887	ng	99
43) 2,4,6-Trichlorophenol	12.894	196	92527	42.842	ng	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.971	196	103275	40.598	ng	96
46) 1,1'-Biphenyl	13.288	154	286205	40.747	ng	99
47) 2-Chloronaphthalene	13.335	162	233564	42.648	ng	99
48) 2-Nitroaniline	13.546	65	93873	44.908	ng	99
49) Acenaphthylene	14.181	152	391719	42.722	ng	100
50) Dimethylphthalate	13.917	163	328849	42.812	ng	99
51) 2,6-Dinitrotoluene	14.040	165	73489	43.603	ng	94
52) Acenaphthene	14.522	154	219932	41.512	ng	98
53) 3-Nitroaniline	14.375	138	44921	26.640	ng	94
54) 2,4-Dinitrophenol	14.592	184	82553	86.245	ng	95
55) Dibenzofuran	14.863	168	382566	42.023	ng	97
56) 4-Nitrophenol	14.698	139	108991	86.928	ng	88
57) 2,4-Dinitrotoluene	14.839	165	107352	45.944	ng	95
58) Fluorene	15.509	166	312963	43.274	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.092	232	98231	45.253	ng	99
60) Diethylphthalate	15.280	149	348295	44.509	ng	99
61) 4-Chlorophenyl-phenyle...	15.497	204	171170	42.453	ng	95
62) 4-Nitroaniline	15.544	138	74037	46.349	ng	93
63) Azobenzene	15.797	77	324679	42.124	ng	97
65) 4,6-Dinitro-2-methylph...	15.603	198	63450	43.857	ng	95
66) n-Nitrosodiphenylamine	15.720	169	279709	40.959	ng	99
67) 4-Bromophenyl-phenylether	16.396	248	118523	39.827	ng	97
68) Hexachlorobenzene	16.514	284	133515	42.339	ng	96
69) Atrazine	16.666	200	116954	50.732	ng	97
70) Pentachlorophenol	16.866	266	127543	66.820	ng	94
71) Phenanthrene	17.248	178	523613	42.080	ng	99
72) Anthracene	17.342	178	529311	41.457	ng	99
73) Carbazole	17.612	167	490467	43.562	ng	99
74) Di-n-butylphthalate	18.165	149	614256	43.557	ng	99
75) Fluoranthene	19.263	202	633739	42.399	ng	97
77) Benzidine	19.451	184	220655	67.313	ng	98
78) Pyrene	19.628	202	644476	43.807	ng	99
80) Butylbenzylphthalate	20.515	149	272251	45.052	ng	95
81) Benzo(a)anthracene	21.431	228	644677	43.334	ng	100
82) 3,3'-Dichlorobenzidine	21.349	252	176191	35.028	ng	100
83) Chrysene	21.496	228	607805	42.612	ng	99
84) Bis(2-ethylhexyl)phtha...	21.331	149	394780	44.705	ng	100
85) Di-n-octyl phthalate	22.483	149	693215	44.650	ng	97
87) Indeno(1,2,3-cd)pyrene	28.024	276	816176	45.381	ng	98
88) Benzo(b)fluoranthene	23.546	252	698180	47.616	ng	99
89) Benzo(k)fluoranthene	23.611	252	649316	44.081	ng	99
90) Benzo(a)pyrene	24.381	252	616536	42.816	ng	98
91) Dibenzo(a,h)anthracene	28.082	278	670853	45.112	ng	98
92) Benzo(g,h,i)perylene	29.116	276	653858	43.848	ng	100

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

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