Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081623\
Data File : BG058741.D
Acq On : 16 Aug 2023 9:55
Operator : MA/JU
Sample : PB154790BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 16 10:29:23 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 :
PB154790BS

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	7.807	152	30650	20.000	ng		0.00
21) Naphthalene-d8	10.610	136	134134	20.000	ng		0.00
39) Acenaphthene-d10	14.458	164	98869	20.000	ng		0.00
64) Phenanthrene-d10	17.202	188	251553	20.000	ng		0.00
76) Chrysene-d12	21.450	240	216387	20.000	ng		0.00
86) Perylene-d12	24.523	264	268553	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.386	112	261548	130.429	ng		0.00
7) Phenol-d6	6.984	99	355435	127.381	ng		0.00
23) Nitrobenzene-d5	8.976	82	214326	78.495	ng		0.00
42) 2,4,6-Tribromophenol	15.950	330	186302	114.963	ng		0.00
45) 2-Fluorobiphenyl	13.077	172	505522	76.624	ng		0.00
79) Terphenyl-d14	19.822	244	986447	85.728	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.259	88	31132	32.039	ng	#	88
3) Pyridine	3.659	79	79904	30.161	ng	#	85
4) n-Nitrosodimethylamine	3.577	42	51104	45.528	ng	#	84
6) Aniline	7.137	93	97824	28.475	ng		100
8) 2-Chlorophenol	7.378	128	96457	49.032	ng		98
9) Benzaldehyde	6.949	77	37005	24.410	ng		95
10) Phenol	7.014	94	132611	48.652	ng		94
11) bis(2-Chloroethyl)ether	7.231	93	89614	41.703	ng		93
12) 1,3-Dichlorobenzene	7.695	146	94028	44.761	ng		97
13) 1,4-Dichlorobenzene	7.842	146	96529	45.765	ng		98
14) 1,2-Dichlorobenzene	8.159	146	93824	46.526	ng		97
15) Benzyl Alcohol	8.054	79	95832	54.156	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.336	45	189722m	54.352	ng		
17) 2-Methylphenol	8.259	107	89560	44.938	ng		98
18) Hexachloroethane	8.888	117	35512	46.321	ng		95
19) n-Nitroso-di-n-propyla...	8.618	70	76981	42.712	ng	#	88
20) 3+4-Methylphenols	8.588	107	122259	45.351	ng		96
22) Acetophenone	8.635	105	150139	41.803	ng		95
24) Nitrobenzene	9.017	77	116124	41.834	ng		96
25) Isophorone	9.534	82	223395	39.598	ng		99
26) 2-Nitrophenol	9.728	139	52542	43.483	ng		93
27) 2,4-Dimethylphenol	9.787	122	85553	42.685	ng		97
28) bis(2-Chloroethoxy)met...	10.022	93	126093	41.070	ng		97
29) 2,4-Dichlorophenol	10.263	162	95373	45.829	ng		97
30) 1,2,4-Trichlorobenzene	10.474	180	102021	42.510	ng		100
31) Naphthalene	10.662	128	292908	41.432	ng		98
32) Benzoic acid	9.951	122	53147	35.995	ng		98
33) 4-Chloroaniline	10.780	127	63302	21.193	ng		99
34) Hexachlorobutadiene	10.939	225	66845	43.250	ng		98
35) Caprolactam	11.561	113	34255m	44.575	ng		
36) 4-Chloro-3-methylphenol	11.914	107	117758	45.744	ng		97
37) 2-Methylnaphthalene	12.278	142	204519	40.443	ng		98
38) 1-Methylnaphthalene	12.496	142	199300	41.459	ng		99
40) 1,2,4,5-Tetrachloroben...	12.648	216	121742	40.108	ng		99
41) Hexachlorocyclopentadiene	12.625	237	101609	72.746	ng		99
43) 2,4,6-Trichlorophenol	12.895	196	87283	41.807	ng		96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.972	196	96645	39.301	ng	98
46) 1,1'-Biphenyl	13.289	154	277928	40.933	ng	97
47) 2-Chloronaphthalene	13.336	162	223715	42.258	ng	98
48) 2-Nitroaniline	13.547	65	88948	44.018	ng	97
49) Acenaphthylene	14.182	152	372676	42.046	ng	99
50) Dimethylphthalate	13.917	163	314837	42.401	ng	99
51) 2,6-Dinitrotoluene	14.041	165	70713	43.402	ng	97
52) Acenaphthene	14.523	154	207624	40.540	ng	98
53) 3-Nitroaniline	14.376	138	44920	27.557	ng	99
54) 2,4-Dinitrophenol	14.593	184	76947	83.427	ng	95
55) Dibenzofuran	14.858	168	363103	41.260	ng	98
56) 4-Nitrophenol	14.693	139	106507	87.838	ng	87
57) 2,4-Dinitrotoluene	14.834	165	101502	44.937	ng	92
58) Fluorene	15.510	166	296722	42.443	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.087	232	90576	43.165	ng	99
60) Diethylphthalate	15.281	149	335872	44.401	ng	99
61) 4-Chlorophenyl-phenyle...	15.498	204	161962	41.554	ng	96
62) 4-Nitroaniline	15.545	138	72996	47.273	ng	96
63) Azobenzene	15.792	77	306675	41.160	ng	97
65) 4,6-Dinitro-2-methylph...	15.604	198	60501	43.619	ng	99
66) n-Nitrosodiphenylamine	15.715	169	266157	40.652	ng	99
67) 4-Bromophenyl-phenylether	16.391	248	113420	39.753	ng	96
68) Hexachlorobenzene	16.514	284	126210	41.745	ng	98
69) Atrazine	16.667	200	114591	51.847	ng	97
70) Pentachlorophenol	16.861	266	121465	66.375	ng	96
71) Phenanthrene	17.249	178	507385	42.531	ng	99
72) Anthracene	17.337	178	514311	42.016	ng	99
73) Carbazole	17.613	167	483047	44.750	ng	99
74) Di-n-butylphthalate	18.165	149	607221	44.911	ng	99
75) Fluoranthene	19.264	202	619121	43.204	ng	98
77) Benzidine	19.452	184	208656	63.589	ng	98
78) Pyrene	19.628	202	638650	43.368	ng	99
80) Butylbenzylphthalate	20.510	149	269954	44.628	ng	98
81) Benzo(a)anthracene	21.432	228	646388	43.406	ng	99
82) 3,3'-Dichlorobenzidine	21.350	252	176550	35.065	ng	99
83) Chrysene	21.491	228	601321	42.116	ng	98
84) Bis(2-ethylhexyl)phtha...	21.332	149	393638	44.531	ng	99
85) Di-n-octyl phthalate	22.484	149	690009	44.399	ng	97
87) Indeno(1,2,3-cd)pyrene	28.024	276	811563	45.425	ng	98
88) Benzo(b)fluoranthene	23.547	252	681094	46.760	ng	100
89) Benzo(k)fluoranthene	23.612	252	665994	45.514	ng	99
90) Benzo(a)pyrene	24.382	252	608389	42.531	ng	99
91) Dibenzo(a,h)anthracene	28.071	278	669613	45.328	ng	97
92) Benzo(g,h,i)perylene	29.117	276	656731	44.334	ng	99

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

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