Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042723\
Data File : BG057209.D
Acq On : 28 Apr 2023 2:20
Operator : CG/JU
Sample : PB152441BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Apr 28 04:59:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 28 04:39:54 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB152441BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.379	152	15709	20.000	ng		0.00
21) Naphthalene-d8	11.216	136	64354	20.000	ng		0.00
39) Acenaphthene-d10	14.993	164	52174	20.000	ng		0.00
64) Phenanthrene-d10	17.731	188	133553	20.000	ng		0.00
76) Chrysene-d12	22.043	240	118185	20.000	ng		0.00
86) Perylene-d12	25.550	264	127259	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.900	112	140516	153.013	ng		0.00
7) Phenol-d6	7.521	99	206243	147.896	ng		0.00
23) Nitrobenzene-d5	9.560	82	132203	86.221	ng		0.00
42) 2,4,6-Tribromophenol	16.474	330	102733	138.773	ng		0.00
45) 2-Fluorobiphenyl	13.619	172	332746	85.894	ng		0.00
79) Terphenyl-d14	20.298	244	663439	91.609	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.697	88	13977	36.810	ng	#	96
3) Pyridine	4.120	79	42499	34.828	ng		96
4) n-Nitrosodimethylamine	4.026	42	24697	43.068	ng		99
6) Aniline	7.692	93	59212	33.471	ng		97
8) 2-Chlorophenol	7.944	128	49626	51.141	ng		94
9) Benzaldehyde	7.504	77	35006	48.884	ng		94
10) Phenol	7.551	94	69457	51.094	ng		97
11) bis(2-Chloroethyl)ether	7.780	93	44436	43.349	ng		96
12) 1,3-Dichlorobenzene	8.267	146	50301	46.967	ng		97
13) 1,4-Dichlorobenzene	8.414	146	51793	48.145	ng		96
14) 1,2-Dichlorobenzene	8.743	146	49446	47.612	ng		97
15) Benzyl Alcohol	8.614	79	58137	50.043	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.902	45	61516	47.613	ng		98
17) 2-Methylphenol	8.814	107	47349	48.319	ng		96
18) Hexachloroethane	9.483	117	18044	46.478	ng		98
19) n-Nitroso-di-n-propyla...	9.184	70	45402	42.698	ng	#	88
20) 3+4-Methylphenols	9.143	107	64724	48.237	ng		96
22) Acetophenone	9.207	105	79955	43.409	ng		99
24) Nitrobenzene	9.601	77	67304	43.489	ng		99
25) Isophorone	10.124	82	122961	41.356	ng		97
26) 2-Nitrophenol	10.317	139	27369	46.202	ng		97
27) 2,4-Dimethylphenol	10.359	122	52395	50.512	ng		98
28) bis(2-Chloroethoxy)met...	10.594	93	64701	43.438	ng		97
29) 2,4-Dichlorophenol	10.858	162	55234	50.205	ng		94
30) 1,2,4-Trichlorobenzene	11.075	180	57605	45.396	ng		95
31) Naphthalene	11.269	128	152046	44.194	ng		99
32) Benzoic acid	10.511	122	27956m	46.862	ng		
33) 4-Chloroaniline	11.369	127	39908	25.830	ng		98
34) Hexachlorobutadiene	11.539	225	41038	43.585	ng		98
35) Caprolactam	12.138	113	18736m	49.856	ng		
36) 4-Chloro-3-methylphenol	12.467	107	62500	49.990	ng		98
37) 2-Methylnaphthalene	12.849	142	114909	42.480	ng		97
38) 1-Methylnaphthalene	13.061	142	110156	43.205	ng		100
40) 1,2,4,5-Tetrachloroben...	13.208	216	80525	43.475	ng		99
41) Hexachlorocyclopentadiene	13.178	237	91160	100.630	ng		98
43) 2,4,6-Trichlorophenol	13.443	196	53446	47.363	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.519	196	57893	43.615	ng	94
46) 1,1'-Biphenyl	13.830	154	170871	44.136	ng	97
47) 2-Chloronaphthalene	13.883	162	132629	46.069	ng	99
48) 2-Nitroaniline	14.077	65	45626	46.610	ng	99
49) Acenaphthylene	14.723	152	206837	44.222	ng	99
50) Dimethylphthalate	14.429	163	186476	43.494	ng	99
51) 2,6-Dinitrotoluene	14.559	165	40156	45.873	ng	97
52) Acenaphthene	15.058	154	128977	44.130	ng	98
53) 3-Nitroaniline	14.894	138	22475	25.628	ng	88
54) 2,4-Dinitrophenol	15.099	184	48013	88.040	ng	94
55) Dibenzofuran	15.387	168	215951	43.976	ng	98
56) 4-Nitrophenol	15.193	139	58518	100.327	ng	93
57) 2,4-Dinitrotoluene	15.346	165	57122	45.659	ng	99
58) Fluorene	16.033	166	179337	44.337	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.610	232	54732	45.480	ng	96
60) Diethylphthalate	15.775	149	190884	43.841	ng	99
61) 4-Chlorophenyl-phenyle...	16.010	204	106922	43.879	ng	98
62) 4-Nitroaniline	16.051	138	39060	44.150	ng	95
63) Azobenzene	16.303	77	184384	43.890	ng	98
65) 4,6-Dinitro-2-methylph...	16.110	198	38898	48.783	ng	99
66) n-Nitrosodiphenylamine	16.227	169	159228	43.897	ng	99
67) 4-Bromophenyl-phenylether	16.908	248	72314	44.355	ng	97
68) Hexachlorobenzene	17.038	284	73469	46.372	ng	100
69) Atrazine	17.155	200	71511	51.681	ng	97
70) Pentachlorophenol	17.378	266	77903	85.320	ng	97
71) Phenanthrene	17.772	178	303781	44.390	ng	100
72) Anthracene	17.866	178	309407	44.062	ng	99
73) Carbazole	18.130	167	269670	45.617	ng	98
74) Di-n-butylphthalate	18.647	149	309551	45.511	ng	99
75) Fluoranthene	19.763	202	373279	43.856	ng	98
77) Benzidine	19.928	184	151216	57.231	ng	99
78) Pyrene	20.122	202	379192	44.154	ng	99
80) Butylbenzylphthalate	20.974	149	125338	45.997	ng	99
81) Benzo(a)anthracene	22.019	228	387135	45.976	ng	99
82) 3,3'-Dichlorobenzidine	21.913	252	75589	28.026	ng	99
83) Chrysene	22.090	228	350465	44.237	ng	99
84) Bis(2-ethylhexyl)phtha...	21.866	149	184384	45.734	ng	99
85) Di-n-octyl phthalate	23.165	149	310472	46.192	ng	100
87) Indeno(1,2,3-cd)pyrene	29.603	276	432029	46.581	ng	100
88) Benzo(b)fluoranthene	24.428	252	396566	47.671	ng	98
89) Benzo(k)fluoranthene	24.498	252	388588	45.968	ng	98
90) Benzo(a)pyrene	25.385	252	346539	42.639	ng	97
91) Dibenzo(a,h)anthracene	29.668	278	358062	46.357	ng	98
92) Benzo(g,h,i)perylene	30.884	276	345417	45.800	ng	97

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

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