Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040324\
Data File : BG060769.D
Acq On : 3 Apr 2024 19:34
Operator : MA/JU
Sample : P1894-04MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RB40858RTMS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 04/04/2024
Supervised By :mohammad ahmed 04/05/2024

Quant Time: Apr 04 01:27:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 30 03:12:26 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.958	152	71770	20.000	ng		0.00
21) Naphthalene-d8	10.754	136	285092	20.000	ng		0.00
39) Acenaphthene-d10	14.591	164	194818	20.000	ng		0.00
64) Phenanthrene-d10	17.341	188	409520	20.000	ng	#	0.00
76) Chrysene-d12	21.606	240	377338	20.000	ng		0.00
86) Perylene-d12	24.756	264	459721	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.543	112	393042	91.231	ng		0.00
7) Phenol-d6	7.123	99	537622	84.069	ng		0.00
23) Nitrobenzene-d5	9.115	82	361887	72.432	ng		0.00
42) 2,4,6-Tribromophenol	16.083	330	236739	107.049	ng		0.00
45) 2-Fluorobiphenyl	13.216	172	786205	59.227	ng		0.00
79) Terphenyl-d14	19.967	244	1150092	53.669	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.463	88	76759	43.457	ng		96
3) Pyridine	3.851	79	211431	39.683	ng		86
4) n-Nitrosodimethylamine	3.763	42	165517	51.971	ng		93
6) Aniline	7.282	93	110275	13.655	ng		95
8) 2-Chlorophenol	7.523	128	227267	46.531	ng		97
9) Benzaldehyde	7.094	77	37890m	10.745	ng		
10) Phenol	7.147	94	294738	45.160	ng		99
11) bis(2-Chloroethyl)ether	7.382	93	218657	41.496	ng		99
12) 1,3-Dichlorobenzene	7.852	146	249767	49.174	ng		96
13) 1,4-Dichlorobenzene	7.993	146	254040	49.024	ng		96
14) 1,2-Dichlorobenzene	8.310	146	238768	47.018	ng		99
15) Benzyl Alcohol	8.193	79	216420	41.779	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.481	45	532307	44.763	ng		98
17) 2-Methylphenol	8.398	107	201034	40.803	ng		97
18) Hexachloroethane	9.045	117	90901	49.392	ng		92
19) n-Nitroso-di-n-propyla...	8.763	70	181851	37.289	ng	#	97
20) 3+4-Methylphenols	8.722	107	267183	39.601	ng		93
22) Acetophenone	8.780	105	367131	46.703	ng	#	97
24) Nitrobenzene	9.150	77	270747	48.644	ng		99
25) Isophorone	9.679	82	496557	43.150	ng		98
26) 2-Nitrophenol	9.867	139	116112	57.328	ng	#	90
27) 2,4-Dimethylphenol	9.926	122	166492	36.017	ng		96
28) bis(2-Chloroethoxy)met...	10.167	93	282348	41.559	ng		99
29) 2,4-Dichlorophenol	10.402	162	214576	50.549	ng		96
30) 1,2,4-Trichlorobenzene	10.619	180	246065	51.192	ng		98
31) Naphthalene	10.807	128	702307	45.540	ng		99
32) Benzoic acid	10.073	122	177030	56.198	ng		99
33) 4-Chloroaniline	10.907	127	115681	16.150	ng		98
34) Hexachlorobutadiene	11.101	225	168954	52.741	ng		97
35) Caprolactam	11.683	113	70906m	42.175	ng		
36) 4-Chloro-3-methylphenol	12.035	107	245608	45.293	ng		100
37) 2-Methylnaphthalene	12.417	142	484498	42.732	ng		98
38) 1-Methylnaphthalene	12.635	142	455171	42.496	ng		99
40) 1,2,4,5-Tetrachloroben...	12.781	216	305307	54.511	ng		99
41) Hexachlorocyclopentadiene	12.764	237	177488	62.323	ng		100
43) 2,4,6-Trichlorophenol	13.016	196	201739	55.939	ng		96

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44) 2,4,5-Trichlorophenol	13.093	196	222299	51.651	ng		96
46) 1,1'-Biphenyl	13.422	154	659994	47.962	ng		99
47) 2-Chloronaphthalene	13.463	162	522711	49.996	ng		97
48) 2-Nitroaniline	13.657	65	185949	53.750	ng		98
49) Acenaphthylene	14.309	152	835089	47.537	ng		99
50) Dimethylphthalate	14.051	163	653085	42.412	ng		100
51) 2,6-Dinitrotoluene	14.162	165	134730	48.804	ng		95
52) Acenaphthene	14.656	154	535050	48.510	ng		98
53) 3-Nitroaniline	14.485	138	104532	35.360	ng		98
54) 2,4-Dinitrophenol	14.691	184	91929	85.768	ng		90
55) Dibenzofuran	14.991	168	782899	45.000	ng		98
56) 4-Nitrophenol	14.797	139	246310	109.417	ng		94
57) 2,4-Dinitrotoluene	14.950	165	188832	52.143	ng		94
58) Fluorene	15.643	166	622340	44.571	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.214	232	198045	52.802	ng	#	98
60) Diethylphthalate	15.420	149	642161	41.451	ng		98
61) 4-Chlorophenyl-phenyle...	15.637	204	330736	44.773	ng		98
62) 4-Nitroaniline	15.649	138	123518	43.873	ng		92
63) Azobenzene	15.931	77	655447	43.418	ng		95
65) 4,6-Dinitro-2-methylph...	15.713	198	66537	40.635	ng	#	80
66) n-Nitrosodiphenylamine	15.848	169	601603	51.408	ng		97
67) 4-Bromophenyl-phenylether	16.536	248	212092	51.032	ng		94
68) Hexachlorobenzene	16.653	284	241196	51.409	ng		93
69) Atrazine	16.812	200	205684	50.261	ng		93
70) Pentachlorophenol	16.994	266	573360	187.291	ng		96
71) Phenanthrene	17.388	178	1005457	47.208	ng		98
72) Anthracene	17.476	178	970711	44.878	ng		98
73) Carbazole	17.740	167	858865	45.036	ng		97
74) Di-n-butylphthalate	18.322	149	1052194	44.255	ng		98
75) Fluoranthene	19.397	202	1174807	45.457	ng		97
78) Pyrene	19.762	202	1237121	46.878	ng		99
80) Butylbenzylphthalate	20.660	149	480433	49.906	ng		95
81) Benzo(a)anthracene	21.589	228	1300946	48.911	ng		99
82) 3,3'-Dichlorobenzidine	21.507	252	199895	22.257	ng		99
83) Chrysene	21.653	228	1219443	47.566	ng		99
84) Bis(2-ethylhexyl)phtha...	21.530	149	790911	51.546	ng		97
85) Di-n-octyl phthalate	22.735	149	1295960	51.845	ng		97
87) Indeno(1,2,3-cd)pyrene	28.346	276	1401642	43.296	ng	#	93
88) Benzo(b)fluoranthene	23.769	252	1290148	48.849	ng		99
89) Benzo(k)fluoranthene	23.833	252	1314462	48.625	ng		99
90) Benzo(a)pyrene	24.609	252	1221968	47.610	ng		98
91) Dibenzo(a,h)anthracene	28.404	278	1089582	39.926	ng		97
92) Benzo(g,h,i)perylene	29.444	276	887477	33.430	ng		99

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

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