Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092122\
Data File : BG054998.D
Acq On : 21 Sep 2022 17:58
Operator : CG/JU
Sample : N4723-20MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 22 04:42:36 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG091922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 19 17:41:40 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SB-29-COMPMSD

Manual Integrations APPROVED
Reviewed By :Christian Giraldo
09/22/2022
Supervised By :Jagrut Upadhyay
09/22/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.059	152	36729	20.000	ng		0.00
21) Naphthalene-d8	10.885	136	151127	20.000	ng	#	0.00
39) Acenaphthene-d10	14.704	164	106909	20.000	ng		0.00
64) Phenanthrene-d10	17.448	188	245280	20.000	ng		0.00
76) Chrysene-d12	21.726	240	245491	20.000	ng		0.00
86) Perylene-d12	25.028	264	265654	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.597	112	329618	175.599	ng		0.00
7) Phenol-d6	7.225	99	432336	171.833	ng		0.00
23) Nitrobenzene-d5	9.240	82	247066	94.757	ng		0.00
42) 2,4,6-Tribromophenol	16.197	330	207574	165.736	ng		0.00
45) 2-Fluorobiphenyl	13.324	172	655994	96.702	ng		0.00
79) Terphenyl-d14	20.051	244	1148016	97.822	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.406	88	33473	36.705	ng		89
3) Pyridine	3.823	79	88610	35.758	ng	#	84
4) n-Nitrosodimethylamine	3.741	42	40438	44.724	ng		86
6) Aniline	7.378	93	131960	41.934	ng		95
8) 2-Chlorophenol	7.625	128	116152	52.531	ng		93
9) Benzaldehyde	7.190	77	63582m	39.668	ng		
10) Phenol	7.248	94	138018	50.620	ng		97
11) bis(2-Chloroethyl)ether	7.472	93	100188	46.460	ng		90
12) 1,3-Dichlorobenzene	7.948	146	120185	46.599	ng		97
13) 1,4-Dichlorobenzene	8.095	146	122365	46.554	ng		97
14) 1,2-Dichlorobenzene	8.418	146	119579	48.283	ng		98
15) Benzyl Alcohol	8.300	79	91236m	49.581	ng		
16) 2,2'-oxybis(1-Chloropr...	8.582	45	109113	41.285	ng		90
17) 2-Methylphenol	8.512	107	98438	51.216	ng		97
18) Hexachloroethane	9.146	117	42113	46.615	ng		91
19) n-Nitroso-di-n-propyla...	8.864	70	78544	45.356	ng	#	88
20) 3+4-Methylphenols	8.841	107	133280	49.573	ng		97
22) Acetophenone	8.894	105	164909	46.170	ng	#	92
24) Nitrobenzene	9.281	77	114627	43.879	ng		90
25) Isophorone	9.798	82	227152	45.885	ng		96
26) 2-Nitrophenol	9.992	139	66172	48.109	ng		97
27) 2,4-Dimethylphenol	10.051	122	110306	56.807	ng		94
28) bis(2-Chloroethoxy)met...	10.280	93	138704	49.747	ng		99
29) 2,4-Dichlorophenol	10.539	162	116441	50.234	ng		97
30) 1,2,4-Trichlorobenzene	10.744	180	119680	44.803	ng		98
31) Naphthalene	10.932	128	349302	44.203	ng		99
32) Benzoic acid	10.503	122	6674m	12.622	ng		
33) 4-Chloroaniline	11.050	127	93539	29.048	ng	#	94
34) Hexachlorobutadiene	11.203	225	77656	43.772	ng		97
35) Caprolactam	11.820	113	39687m	46.987	ng		
36) 4-Chloro-3-methylphenol	12.172	107	121437	49.055	ng		99
37) 2-Methylnaphthalene	12.536	142	253951	45.110	ng		99
38) 1-Methylnaphthalene	12.754	142	241204	43.808	ng		99
40) 1,2,4,5-Tetrachloroben...	12.901	216	148565	47.522	ng		99
41) Hexachlorocyclopentadiene	12.871	237	55102	181.220	ng		97
43) 2,4,6-Trichlorophenol	13.147	196	85496	47.598	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.224	196	93242	45.211	ng		97
46) 1,1'-Biphenyl	13.535	154	349107	48.398	ng		98
47) 2-Chloronaphthalene	13.588	162	260842	46.257	ng		97
48) 2-Nitroaniline	13.794	65	72695	43.932	ng		85
49) Acenaphthylene	14.428	152	432648	45.402	ng		99
50) Dimethylphthalate	14.152	163	358668	44.304	ng		99
51) 2,6-Dinitrotoluene	14.281	165	78100	45.375	ng	#	84
52) Acenaphthene	14.769	154	279084m	47.533	ng		
53) 3-Nitroaniline	14.616	138	58666	31.417	ng		87
54) 2,4-Dinitrophenol	14.834	184	41223	70.591	ng		98
55) Dibenzofuran	15.104	168	414187	44.905	ng		97
56) 4-Nitrophenol	14.934	139	94692	81.242	ng		90
57) 2,4-Dinitrotoluene	15.069	165	112263	45.854	ng	#	81
58) Fluorene	15.750	166	349850	44.689	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.333	232	73915	39.019	ng		97
60) Diethylphthalate	15.504	149	351301	43.464	ng		97
61) 4-Chlorophenyl-phenyle...	15.733	204	181212	45.811	ng		97
62) 4-Nitroaniline	15.780	138	82428	42.385	ng		92
63) Azobenzene	16.026	77	290206	43.899	ng		93
65) 4,6-Dinitro-2-methylph...	15.838	198	50999	41.575	ng		91
66) n-Nitrosodiphenylamine	15.950	169	313882	47.863	ng		99
67) 4-Bromophenyl-phenylether	16.632	248	128487	47.498	ng		95
68) Hexachlorobenzene	16.749	284	147569	47.491	ng		95
69) Atrazine	16.896	200	125229	50.310	ng		97
70) Pentachlorophenol	17.108	266	51900	66.025	ng		98
71) Phenanthrene	17.495	178	562728	45.048	ng		99
72) Anthracene	17.583	178	574970	47.184	ng		99
73) Carbazole	17.854	167	522357	46.817	ng		100
74) Di-n-butylphthalate	18.394	149	624269	45.111	ng		99
75) Fluoranthene	19.499	202	697084	44.059	ng		97
77) Benzidine	19.681	184	384748	63.257	ng		99
78) Pyrene	19.863	202	703395	43.585	ng		99
80) Butylbenzylphthalate	20.733	149	285758	45.569	ng		88
81) Benzo(a)anthracene	21.708	228	712016	45.097	ng		100
82) 3,3'-Dichlorobenzidine	21.614	252	194216	35.461	ng		98
83) Chrysene	21.773	228	666225	44.080	ng		100
84) Bis(2-ethylhexyl)phtha...	21.585	149	427495	47.528	ng		98
85) Di-n-octyl phthalate	22.813	149	714765	45.962	ng	#	90
87) Indeno(1,2,3-cd)pyrene	28.841	276	862898	43.692	ng	#	95
88) Benzo(b)fluoranthene	23.976	252	748455	47.767	ng		98
89) Benzo(k)fluoranthene	24.041	252	745041	47.100	ng		98
90) Benzo(a)pyrene	24.875	252	669831	49.646	ng		98
91) Dibenzo(a,h)anthracene	28.894	278	746559	45.922	ng		99
92) Benzo(g,h,i)perylene	30.045	276	747740	45.622	ng		96

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

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