Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111921\
Data File : BG051132.D
Acq On : 19 Nov 2021 21:24
Operator : CG/JU
Sample : M4758-13MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 20 03:38:09 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 19 16:26:22 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
TP7MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/22/2021
Supervised By :Sohil Jodhani 11/30/2021

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.207	152	25031	20.000	ng		0.00
21) Naphthalene-d8	11.033	136	104139	20.000	ng	#	0.00
39) Acenaphthene-d10	14.835	164	72635	20.000	ng		0.00
64) Phenanthrene-d10	17.585	188	171528	20.000	ng	#	0.00
76) Chrysene-d12	21.880	240	160517	20.000	ng	#	0.00
86) Perylene-d12	25.276	264	163077	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.746	112	152180	93.982	ng		0.00
7) Phenol-d6	7.361	99	204909	89.848	ng		0.00
23) Nitrobenzene-d5	9.382	82	138399	60.666	ng		0.00
42) 2,4,6-Tribromophenol	16.327	330	74607	96.639	ng		0.00
45) 2-Fluorobiphenyl	13.454	172	279435	58.052	ng		0.00
79) Terphenyl-d14	20.170	244	495979	56.486	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.583	88	29040	42.770	ng		91
3) Pyridine	4.001	79	67598	33.465	ng	#	87
4) n-Nitrosodimethylamine	3.912	42	41580	47.877	ng	#	36
6) Aniline	7.526	93	66286	24.467	ng		96
8) 2-Chlorophenol	7.773	128	83023	48.854	ng		96
9) Benzaldehyde	7.338	77	57171	34.648	ng		88
10) Phenol	7.391	94	116367	49.705	ng		82
11) bis(2-Chloroethyl)ether	7.614	93	79233	44.766	ng		87
12) 1,3-Dichlorobenzene	8.096	146	83841	46.115	ng		94
13) 1,4-Dichlorobenzene	8.243	146	85344	45.280	ng		96
14) 1,2-Dichlorobenzene	8.566	146	82919	46.377	ng		95
15) Benzyl Alcohol	8.448	79	86078	47.240	ng		88
16) 2,2'-oxybis(1-Chloropr...	8.724	45	114363	44.698	ng		88
17) 2-Methylphenol	8.654	107	76578	48.451	ng	#	89
18) Hexachloroethane	9.294	117	32528	46.183	ng		96
19) n-Nitroso-di-n-propyla...	9.012	70	70633	41.958	ng	#	87
20) 3+4-Methylphenols	8.977	107	103179	45.807	ng		93
22) Acetophenone	9.036	105	125069	44.455	ng		93
24) Nitrobenzene	9.424	77	104613	47.284	ng		91
25) Isophorone	9.947	82	183725	44.734	ng	#	94
26) 2-Nitrophenol	10.140	139	47085	47.012	ng	#	84
27) 2,4-Dimethylphenol	10.187	122	80121	54.197	ng		93
28) bis(2-Chloroethoxy)met...	10.422	93	107416	43.921	ng		93
29) 2,4-Dichlorophenol	10.681	162	80887	48.481	ng		96
30) 1,2,4-Trichlorobenzene	10.892	180	84615	45.150	ng		95
31) Naphthalene	11.086	128	248956	45.304	ng		98
32) Benzoic acid	10.352	122	59375	56.348	ng	#	74
33) 4-Chloroaniline	11.198	127	41301	17.489	ng		94
34) Hexachlorobutadiene	11.351	225	51124	44.183	ng		92
35) Caprolactam	11.979	113	32332m	72.561	ng		
36) 4-Chloro-3-methylphenol	12.308	107	99323	48.214	ng		97
37) 2-Methylnaphthalene	12.679	142	180652	46.402	ng		94
38) 1-Methylnaphthalene	12.896	142	165510	43.546	ng		93
40) 1,2,4,5-Tetrachloroben...	13.037	216	97914	44.355	ng		97
41) Hexachlorocyclopentadiene	13.008	237	84260	130.168	ng		97
43) 2,4,6-Trichlorophenol	13.278	196	73633	48.378	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.354	196	79392	48.260	ng		89
46) 1,1'-Biphenyl	13.672	154	229620	43.978	ng		95
47) 2-Chloronaphthalene	13.719	162	185934	44.981	ng		98
48) 2-Nitroaniline	13.924	65	73583	49.251	ng		91
49) Acenaphthylene	14.565	152	304697	46.233	ng		96
50) Dimethylphthalate	14.283	163	255155	45.597	ng		98
51) 2,6-Dinitrotoluene	14.412	165	57005	48.771	ng	#	80
52) Acenaphthene	14.900	154	177940	46.261	ng		95
53) 3-Nitroaniline	14.747	138	31480	24.043	ng		92
54) 2,4-Dinitrophenol	14.964	184	70194	107.133	ng	#	80
55) Dibenzofuran	15.234	168	295197	44.192	ng		96
56) 4-Nitrophenol	15.064	139	102991	111.822	ng	#	74
57) 2,4-Dinitrotoluene	15.205	165	83604	49.937	ng	#	87
58) Fluorene	15.881	166	243689	46.465	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.464	232	71312m	50.492	ng		
60) Diethylphthalate	15.634	149	272781	46.225	ng		97
61) 4-Chlorophenyl-phenyle...	15.863	204	129959	45.327	ng		96
62) 4-Nitroaniline	15.910	138	63800	45.567	ng	#	64
63) Azobenzene	16.157	77	272304	46.075	ng		83
65) 4,6-Dinitro-2-methylph...	15.969	198	50870	49.660	ng		90
66) n-Nitrosodiphenylamine	16.081	169	223244	45.353	ng		99
67) 4-Bromophenyl-phenylether	16.762	248	83152	44.821	ng		92
68) Hexachlorobenzene	16.885	284	86877	46.073	ng		99
69) Atrazine	17.021	200	95802	73.183	ng		99
70) Pentachlorophenol	17.232	266	99160	115.674	ng		98
71) Phenanthrene	17.626	178	428506	46.479	ng		97
72) Anthracene	17.720	178	436555	47.732	ng		98
73) Carbazole	17.990	167	402515	44.743	ng		99
74) Di-n-butylphthalate	18.513	149	499441	45.857	ng	#	96
75) Fluoranthene	19.629	202	524007	46.103	ng		96
77) Benzidine	19.800	184	172811	65.565	ng		99
78) Pyrene	19.988	202	526161	45.198	ng		98
80) Butylbenzylphthalate	20.851	149	220760	44.483	ng		95
81) Benzo(a)anthracene	21.862	228	487303	44.515	ng		99
82) 3,3'-Dichlorobenzidine	21.762	252	90199	18.439	ng	#	95
83) Chrysene	21.932	228	469562	45.683	ng		96
84) Bis(2-ethylhexyl)phtha...	21.721	149	313529	45.353	ng		98
85) Di-n-octyl phthalate	22.984	149	530619	45.810	ng		100
87) Indeno(1,2,3-cd)pyrene	29.200	276	536270	45.821	ng	#	90
88) Benzo(b)fluoranthene	24.195	252	498761	49.615	ng	#	93
89) Benzo(k)fluoranthene	24.265	252	461194	45.227	ng	#	98
90) Benzo(a)pyrene	25.117	252	473227	54.249	ng	#	95
91) Dibenzo(a,h)anthracene	29.247	278	450266	46.700	ng	#	94
92) Benzo(g,h,i)perylene	30.428	276	446487	46.822	ng	#	92

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

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