Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061221\
Data File : BG048918.D
Acq On : 12 Jun 2021 18:43
Operator : CG/JU
Sample : M2625-21MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
18-B12(138-142)MS

Manual Integrations APPROVED
mohammad
6/15/2021 2:37:53 PM

Quant Time: Jun 14 03:16:28 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 11 16:03:10 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.126	152	38830	20.000	ng	0.00
21) Naphthalene-d8	10.952	136	159865	20.000	ng	# 0.00
39) Acenaphthene-d10	14.766	164	120319	20.000	ng	0.00
64) Phenanthrene-d10	17.515	188	286094	20.000	ng	# 0.00
76) Chrysene-d12	21.816	240	283529	20.000	ng	# 0.00
86) Perylene-d12	25.159	264	295830	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.670	112	342994	137.505	ng	0.00
7) Phenol-d6	7.268	99	422803	113.090	ng	0.00
23) Nitrobenzene-d5	9.296	82	360692	97.288	ng	0.00
42) 2,4,6-Tribromophenol	16.258	330	244800	137.327	ng	0.00
45) 2-Fluorobiphenyl	13.391	172	724889	85.109	ng	0.00
79) Terphenyl-d14	20.124	244	1349522	87.170	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.561	88	47653	39.132	ng	# 1
3) Pyridine	3.966	79	112644	34.099	ng	90
4) n-Nitrosodimethylamine	3.867	42	85066	53.772	ng	# 79
6) Aniline	7.445	93	113060	24.013	ng	# 89
8) 2-Chlorophenol	7.686	128	139529	50.749	ng	87
9) Benzaldehyde	7.257	77	115195	59.546	ng	# 87
10) Phenol	7.298	94	166168	43.023	ng	92
11) bis(2-Chloroethyl)ether	7.539	93	142587	49.756	ng	# 78
12) 1,3-Dichlorobenzene	8.015	146	140487	45.742	ng	98
13) 1,4-Dichlorobenzene	8.162	146	142328	46.482	ng	95
14) 1,2-Dichlorobenzene	8.485	146	138111	46.886	ng	92
15) Benzyl Alcohol	8.361	79	175387	51.223	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.655	45	276950	51.076	ng	82
17) 2-Methylphenol	8.561	107	125959	49.729	ng	96
18) Hexachloroethane	9.219	117	57594	46.886	ng	94
19) n-Nitroso-di-n-propyla...	8.937	70	138205	47.293	ng	# 97
20) 3+4-Methylphenols	8.890	107	168765	48.733	ng	97
22) Acetophenone	8.955	105	246068	50.593	ng	# 96
24) Nitrobenzene	9.337	77	202076	48.387	ng	99
25) Isophorone	9.865	82	357083	44.210	ng	96
26) 2-Nitrophenol	10.053	139	72209	50.973	ng	94
27) 2,4-Dimethylphenol	10.100	122	136340	53.083	ng	96
28) bis(2-Chloroethoxy)met...	10.347	93	195318	52.224	ng	# 90
29) 2,4-Dichlorophenol	10.588	162	142317	49.390	ng	93
30) 1,2,4-Trichlorobenzene	10.806	180	154957	46.905	ng	97
31) Naphthalene	10.999	128	453905	47.659	ng	97
32) Benzoic acid	10.230	122	75286	44.877	ng	# 75
33) 4-Chloroaniline	11.105	127	14419	3.566	ng	94
34) Hexachlorobutadiene	11.287	225	106721	45.325	ng	95
35) Caprolactam	11.887	113	35240m	42.308	ng	
36) 4-Chloro-3-methylphenol	12.210	107	173056	49.135	ng	# 88
37) 2-Methylnaphthalene	12.603	142	336328	46.753	ng	98
38) 1-Methylnaphthalene	12.821	142	310686	46.003	ng	94
40) 1,2,4,5-Tetrachloroben...	12.968	216	179981	47.108	ng	98
41) Hexachlorocyclopentadiene	12.950	237	245747	100.057	ng	90
43) 2,4,6-Trichlorophenol	13.197	196	127705	49.956	ng	92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.267	196	135787	51.370	ng		90
46) 1,1'-Biphenyl	13.602	154	423221	47.711	ng		95
47) 2-Chloronaphthalene	13.643	162	336099	47.447	ng		98
48) 2-Nitroaniline	13.843	65	139677	52.548	ng		95
49) Acenaphthylene	14.489	152	558458	47.310	ng		96
50) Dimethylphthalate	14.219	163	470070	50.155	ng		99
51) 2,6-Dinitrotoluene	14.337	165	101535	53.197	ng		94
52) Acenaphthene	14.830	154	400564	52.648	ng		93
53) 3-Nitroaniline	14.660	138	43970	22.754	ng		82
54) 2,4-Dinitrophenol	14.865	184	102702	116.164	ng		95
55) Dibenzofuran	15.165	168	545140	46.094	ng		98
56) 4-Nitrophenol	14.959	139	152109	96.553	ng		88
57) 2,4-Dinitrotoluene	15.118	165	142769	60.897	ng		95
58) Fluorene	15.817	166	459295	47.492	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.388	232	137948m	51.557	ng		
60) Diethylphthalate	15.582	149	518695	51.099	ng		97
61) 4-Chlorophenyl-phenyle...	15.806	204	247182	48.881	ng		98
62) 4-Nitroaniline	15.829	138	103682	53.055	ng	#	80
63) Azobenzene	16.099	77	554124	47.710	ng		88
65) 4,6-Dinitro-2-methylph...	15.882	198	72310	53.299	ng		90
66) n-Nitrosodiphenylamine	16.017	169	413166	46.341	ng		96
67) 4-Bromophenyl-phenylether	16.704	248	168443	47.153	ng		96
68) Hexachlorobenzene	16.822	284	184109	47.552	ng		99
69) Atrazine	16.969	200	178623	62.416	ng		99
70) Pentachlorophenol	17.163	266	235010	101.000	ng		97
71) Phenanthrene	17.562	178	771260	47.911	ng		98
72) Anthracene	17.650	178	790265	48.854	ng		97
73) Carbazole	17.915	167	728289	46.970	ng		98
74) Di-n-butylphthalate	18.479	149	897467	51.606	ng		98
75) Fluoranthene	19.566	202	948011	48.836	ng		97
77) Benzidine	19.742	184	165055	28.898	ng		99
78) Pyrene	19.930	202	953085	46.313	ng		96
80) Butylbenzylphthalate	20.817	149	384461	49.516	ng		96
81) Benzo(a)anthracene	21.793	228	942946	46.320	ng		97
82) 3,3'-Dichlorobenzidine	21.704	252	151944	23.340	ng		99
83) Chrysene	21.863	228	915838	46.921	ng		95
84) Bis(2-ethylhexyl)phtha...	21.704	149	554595	50.110	ng		95
85) Di-n-octyl phthalate	22.968	149	935469	49.837	ng	#	95
87) Indeno(1,2,3-cd)pyrene	28.996	276	1103183	49.551	ng	#	97
88) Benzo(b)fluoranthene	24.096	252	1007780	47.788	ng	#	94
89) Benzo(k)fluoranthene	24.166	252	947358	47.347	ng	#	98
90) Benzo(a)pyrene	25.001	252	960494	49.895	ng	#	96
91) Dibenzo(a,h)anthracene	29.066	278	918606	49.369	ng	#	94
92) Benzo(g,h,i)perylene	30.195	276	925008	49.300	ng	#	94

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

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