Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060322\
Data File : BG053819.D
Acq On : 3 Jun 2022 18:57
Operator : CG/JU
Sample : N3143-05MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
20220425-SPLP-AMENDED-COMP-EMS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022

Quant Time: Jun 04 03:06:27 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 02 23:22:27 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.093	152	28969	20.000	ng		0.00
21) Naphthalene-d8	10.902	136	117199	20.000	ng		0.00
39) Acenaphthene-d10	14.715	164	79878	20.000	ng		0.00
64) Phenanthrene-d10	17.459	188	185403	20.000	ng		0.00
76) Chrysene-d12	21.736	240	187785	20.000	ng		0.00
86) Perylene-d12	25.009	264	193434	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.655	112	121918	77.284	ng		0.00
7) Phenol-d6	7.241	99	103237	48.311	ng		0.00
23) Nitrobenzene-d5	9.251	82	198014	110.950	ng		0.00
42) 2,4,6-Tribromophenol	16.201	330	149205	153.882	ng		0.00
45) 2-Fluorobiphenyl	13.346	172	495556	92.811	ng		0.00
79) Terphenyl-d14	20.067	244	905961	95.978	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.551	88	15178	19.898	ng		91
3) Pyridine	3.951	79	34313	18.558	ng		92
4) n-Nitrosodimethylamine	3.863	42	21783	26.093	ng		92
6) Aniline	7.412	93	84407	32.454	ng		99
8) 2-Chlorophenol	7.658	128	75731	46.897	ng		96
9) Benzaldehyde	7.224	77	59006	41.410	ng		82
10) Phenol	7.271	94	40242	18.225	ng		94
11) bis(2-Chloroethyl)ether	7.506	93	83585	48.127	ng		99
12) 1,3-Dichlorobenzene	7.987	146	91508	44.530	ng		92
13) 1,4-Dichlorobenzene	8.128	146	92031	44.037	ng		99
14) 1,2-Dichlorobenzene	8.452	146	91336	45.620	ng		96
15) Benzyl Alcohol	8.328	79	60784	38.001	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.622	45	139418	45.754	ng		99
17) 2-Methylphenol	8.528	107	55057	36.477	ng		94
18) Hexachloroethane	9.186	117	31136	45.029	ng	#	83
19) n-Nitroso-di-n-propyla...	8.898	70	70660	46.687	ng		90
20) 3+4-Methylphenols	8.851	107	68273	33.293	ng		93
22) Acetophenone	8.910	105	138373	47.814	ng	#	98
24) Nitrobenzene	9.298	77	100609	50.551	ng	#	89
25) Isophorone	9.821	82	195783	48.943	ng		96
26) 2-Nitrophenol	10.009	139	43809	66.635	ng	#	81
27) 2,4-Dimethylphenol	10.061	122	75298	52.361	ng		92
28) bis(2-Chloroethoxy)met...	10.302	93	115239	53.015	ng		98
29) 2,4-Dichlorophenol	10.543	162	89238	51.667	ng		91
30) 1,2,4-Trichlorobenzene	10.766	180	102799	47.026	ng		98
31) Naphthalene	10.954	128	266304	44.397	ng		98
32) Benzoic acid	10.161	122	20110	26.744	ng	#	76
33) 4-Chloroaniline	11.049	127	76964	30.949	ng		95
34) Hexachlorobutadiene	11.248	225	72253	46.654	ng		99
35) Caprolactam	11.871	113	4335m	8.782	ng		
36) 4-Chloro-3-methylphenol	12.159	107	83120	45.217	ng		88
37) 2-Methylnaphthalene	12.553	142	197083	45.292	ng		96
38) 1-Methylnaphthalene	12.770	142	187456	44.053	ng		99
40) 1,2,4,5-Tetrachloroben...	12.917	216	137592	51.296	ng		96
41) Hexachlorocyclopentadiene	12.905	237	42602	31.246	ng		98
43) 2,4,6-Trichlorophenol	13.152	196	81869	56.279	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.217	196	88163	54.470	ng		95
46) 1,1'-Biphenyl	13.551	154	276982	48.654	ng		99
47) 2-Chloronaphthalene	13.598	162	213734	48.259	ng		97
48) 2-Nitroaniline	13.786	65	65021	56.689	ng		94
49) Acenaphthylene	14.439	152	347675	48.933	ng		100
50) Dimethylphthalate	14.168	163	271106	46.312	ng		100
51) 2,6-Dinitrotoluene	14.280	165	58756	55.337	ng	#	82
52) Acenaphthene	14.779	154	220121	48.763	ng		98
53) 3-Nitroaniline	14.609	138	46505	41.361	ng		88
54) 2,4-Dinitrophenol	14.815	184	33292	65.009	ng	#	76
55) Dibenzofuran	15.114	168	338293	47.011	ng		95
56) 4-Nitrophenol	14.903	139	38243	43.222	ng	#	83
57) 2,4-Dinitrotoluene	15.067	165	81529	56.237	ng		87
58) Fluorene	15.761	166	272327	45.706	ng		91
59) 2,3,4,6-Tetrachlorophenol	15.338	232	81815	46.509	ng		95
60) Diethylphthalate	15.531	149	272723	46.001	ng		97
61) 4-Chlorophenyl-phenyle...	15.749	204	154849	48.208	ng		93
62) 4-Nitroaniline	15.772	138	53226	43.514	ng	#	71
63) Azobenzene	16.043	77	244403	44.057	ng		93
65) 4,6-Dinitro-2-methylph...	15.831	198	26831	38.987	ng		87
66) n-Nitrosodiphenylamine	15.966	169	248311	50.365	ng		97
67) 4-Bromophenyl-phenylether	16.648	248	106974	53.104	ng		96
68) Hexachlorobenzene	16.771	284	114334	50.919	ng		95
69) Atrazine	16.912	200	98107	50.824	ng		97
70) Pentachlorophenol	17.106	266	128300	89.242	ng		96
71) Phenanthrene	17.500	178	451627	46.279	ng		97
72) Anthracene	17.594	178	457746	47.927	ng		99
73) Carbazole	17.858	167	409702	47.523	ng		99
74) Di-n-butylphthalate	18.422	149	467120	47.119	ng	#	98
75) Fluoranthene	19.521	202	554027	43.770	ng		97
77) Benzidine	19.685	184	238131	51.859	ng		98
78) Pyrene	19.868	202	559761	46.872	ng		97
80) Butylbenzylphthalate	20.755	149	205015	52.639	ng		94
81) Benzo(a)anthracene	21.718	228	587536	47.128	ng		99
82) 3,3'-Dichlorobenzidine	21.630	252	198886	56.601	ng		95
83) Chrysene	21.789	228	537143	45.646	ng		97
84) Bis(2-ethylhexyl)phtha...	21.630	149	296640	52.965	ng		96
85) Di-n-octyl phthalate	22.864	149	515276	55.323	ng		98
87) Indeno(1,2,3-cd)pyrene	28.745	276	645241	45.256	ng		99
88) Benzo(b)fluoranthene	23.969	252	594880	49.536	ng		99
89) Benzo(k)fluoranthene	24.039	252	563805	47.497	ng		98
90) Benzo(a)pyrene	24.850	252	568496	55.975	ng	#	99
91) Dibenzo(a,h)anthracene	28.816	278	566083	48.047	ng		99
92) Benzo(g,h,i)perylene	29.921	276	523834	45.106	ng		95

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

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