Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030222\
Data File : BG052542.D
Acq On : 2 Mar 2022 18:23
Operator : CG/JU
Sample : N1713-04MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-235MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/04/2022

Quant Time: Mar 03 02:26:34 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 08 01:21:20 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.218	152	33032	20.000	ng		0.00
21) Naphthalene-d8	11.056	136	131897	20.000	ng		#-0.01
39) Acenaphthene-d10	14.868	164	90232	20.000	ng		0.00
64) Phenanthrene-d10	17.617	188	217461	20.000	ng		0.00
76) Chrysene-d12	21.935	240	212734	20.000	ng		# 0.00
86) Perylene-d12	25.395	264	219785	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.751	112	163180	86.098	ng		0.00
7) Phenol-d6	7.372	99	211219	72.229	ng		0.00
23) Nitrobenzene-d5	9.393	82	163164	53.764	ng		0.00
42) 2,4,6-Tribromophenol	16.354	330	114053	87.982	ng		0.00
45) 2-Fluorobiphenyl	13.488	172	371520	57.212	ng		0.00
79) Terphenyl-d14	20.208	244	696741	57.835	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.583	88	20531	23.526	ng	#	49
3) Pyridine	4.006	79	49800	19.675	ng		91
4) n-Nitrosodimethylamine	3.901	42	32305	24.718	ng	#	72
6) Aniline	7.531	93	61464	18.091	ng		93
8) 2-Chlorophenol	7.784	128	65857	31.587	ng		97
9) Benzaldehyde	7.343	77	51405m	28.234	ng		
10) Phenol	7.396	94	80127	27.577	ng		91
11) bis(2-Chloroethyl)ether	7.619	93	62889	28.317	ng		91
12) 1,3-Dichlorobenzene	8.113	146	65393	27.528	ng		92
13) 1,4-Dichlorobenzene	8.259	146	67376	27.822	ng		94
14) 1,2-Dichlorobenzene	8.583	146	65059	27.240	ng		94
15) Benzyl Alcohol	8.459	79	70278	28.957	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.747	45	83121	25.918	ng		95
17) 2-Methylphenol	8.665	107	58935	30.738	ng	#	91
18) Hexachloroethane	9.323	117	23391	27.778	ng		88
19) n-Nitroso-di-n-propyla...	9.023	70	58256	26.425	ng		93
20) 3+4-Methylphenols	8.994	107	80158	29.222	ng		93
22) Acetophenone	9.047	105	102870	29.510	ng	#	91
24) Nitrobenzene	9.434	77	84581	29.381	ng		93
25) Isophorone	9.957	82	160800	31.140	ng		99
26) 2-Nitrophenol	10.157	139	37687	30.886	ng		91
27) 2,4-Dimethylphenol	10.210	122	65833	36.441	ng		95
28) bis(2-Chloroethoxy)met...	10.439	93	85256	29.092	ng		99
29) 2,4-Dichlorophenol	10.703	162	68979	31.855	ng		99
30) 1,2,4-Trichlorobenzene	10.915	180	71699	28.355	ng		97
31) Naphthalene	11.109	128	196407	28.405	ng		97
32) Benzoic acid	10.386	122	10042	13.503	ng		98
33) 4-Chloroaniline	11.214	127	30036	10.404	ng		98
34) Hexachlorobutadiene	11.396	225	45735	26.782	ng		97
35) Caprolactam	11.978	113	20142	25.524	ng	#	89
36) 4-Chloro-3-methylphenol	12.330	107	77891	31.617	ng		97
37) 2-Methylnaphthalene	12.706	142	145562	28.343	ng		98
38) 1-Methylnaphthalene	12.924	142	140975m	28.328	ng		
40) 1,2,4,5-Tetrachloroben...	13.071	216	89279	30.082	ng		98
41) Hexachlorocyclopentadiene	13.053	237	77876	56.153	ng		97
43) 2,4,6-Trichlorophenol	13.306	196	61412	31.639	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.382	196	66776	31.745	ng		92
46) 1,1'-Biphenyl	13.699	154	203100	30.696	ng		97
47) 2-Chloronaphthalene	13.746	162	158569	31.107	ng		99
48) 2-Nitroaniline	13.946	65	56663	31.222	ng		98
49) Acenaphthylene	14.592	152	266809	32.153	ng		99
50) Dimethylphthalate	14.304	163	227369	32.894	ng		99
51) 2,6-Dinitrotoluene	14.428	165	49083	32.906	ng	#	86
52) Acenaphthene	14.933	154	153578m	28.260	ng		
53) 3-Nitroaniline	14.762	138	33929	21.884	ng		90
54) 2,4-Dinitrophenol	14.980	184	4921	9.903	ng	#	74
55) Dibenzofuran	15.262	168	255916	29.944	ng		98
56) 4-Nitrophenol	15.074	139	68330	58.685	ng	#	87
57) 2,4-Dinitrotoluene	15.221	165	68231	32.139	ng	#	79
58) Fluorene	15.908	166	210762	30.891	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.491	232	61482	30.596	ng		95
60) Diethylphthalate	15.661	149	216122	30.951	ng		98
61) 4-Chlorophenyl-phenyle...	15.896	204	114793	29.537	ng		98
62) 4-Nitroaniline	15.920	138	46131	28.263	ng	#	82
63) Azobenzene	16.190	77	202319	28.303	ng		92
65) 4,6-Dinitro-2-methylph...	15.990	198	9757	7.459	ng		81
66) n-Nitrosodiphenylamine	16.108	169	184287	30.758	ng		99
67) 4-Bromophenyl-phenylether	16.789	248	78819	29.804	ng		99
68) Hexachlorobenzene	16.924	284	86436	30.135	ng		95
69) Atrazine	17.048	200	78150	32.262	ng		95
70) Pentachlorophenol	17.271	266	52526	37.432	ng		98
71) Phenanthrene	17.659	178	343467	30.639	ng		98
72) Anthracene	17.753	178	346510	31.543	ng		99
73) Carbazole	18.017	167	322454	30.096	ng		97
74) Di-n-butylphthalate	18.557	149	376381	32.242	ng		98
75) Fluoranthene	19.662	202	433193	30.348	ng		98
77) Benzidine	19.832	184	43248	9.514	ng		99
78) Pyrene	20.026	202	443373	31.147	ng		98
80) Butylbenzylphthalate	20.889	149	161138	32.589	ng		94
81) Benzo(a)anthracene	21.912	228	433991	30.829	ng		99
82) 3,3'-Dichlorobenzidine	21.812	252	79004	16.076	ng		96
83) Chrysene	21.982	228	399309	29.933	ng		99
84) Bis(2-ethylhexyl)phtha...	21.788	149	220352	32.139	ng		98
85) Di-n-octyl phthalate	23.075	149	370965	32.271	ng		95
87) Indeno(1,2,3-cd)pyrene	29.401	276	470487	29.253	ng	#	93
88) Benzo(b)fluoranthene	24.291	252	442966	32.343	ng		99
89) Benzo(k)fluoranthene	24.367	252	426483	31.522	ng		99
90) Benzo(a)pyrene	25.231	252	424263	36.671	ng		99
91) Dibenzo(a,h)anthracene	29.466	278	420717	31.666	ng	#	94
92) Benzo(g,h,i)perylene	30.659	276	395666	30.345	ng		98

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

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