Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042622\
Data File : BG053330.D
Acq On : 26 Apr 2022 21:27
Operator : CG/JU
Sample : N2481-11MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-30MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022

Quant Time: Apr 27 03:38:35 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Apr 24 01:13:30 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.102	152	20522	20.000	ng		-0.01
21) Naphthalene-d8	10.916	136	84723	20.000	ng		0.00
39) Acenaphthene-d10	14.728	164	75644	20.000	ng		0.00
64) Phenanthrene-d10	17.477	188	201238	20.000	ng		0.00
76) Chrysene-d12	21.760	240	201503	20.000	ng		0.00
86) Perylene-d12	25.050	264	211996	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.670	112	93959	78.483	ng		0.00
7) Phenol-d6	7.268	99	96941	52.509	ng		0.00
23) Nitrobenzene-d5	9.265	82	172653	82.744	ng		-0.01
42) 2,4,6-Tribromophenol	16.220	330	155676	129.356	ng		0.00
45) 2-Fluorobiphenyl	13.354	172	416553	75.933	ng		0.00
79) Terphenyl-d14	20.080	244	951370	79.739	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.549	88	13257	23.188	ng	#	84
3) Pyridine	3.955	79	20282	13.450	ng	#	96
4) n-Nitrosodimethylamine	3.861	42	20548	27.518	ng	#	88
6) Aniline	7.426	93	41688	19.484	ng		95
8) 2-Chlorophenol	7.673	128	54472	42.146	ng		95
9) Benzaldehyde	7.238	77	54374m	49.272	ng		
10) Phenol	7.297	94	38422	20.908	ng		92
11) bis(2-Chloroethyl)ether	7.514	93	58061	43.829	ng		90
12) 1,3-Dichlorobenzene	7.996	146	63960	42.587	ng		95
13) 1,4-Dichlorobenzene	8.143	146	65388	42.706	ng		99
14) 1,2-Dichlorobenzene	8.460	146	63448	42.972	ng		97
15) Benzyl Alcohol	8.337	79	59952m	36.534	ng		
16) 2,2'-oxybis(1-Chloropr...	8.631	45	93096	42.094	ng		98
17) 2-Methylphenol	8.548	107	46964	37.766	ng		94
18) Hexachloroethane	9.195	117	23959	41.728	ng		96
19) n-Nitroso-di-n-propyla...	8.907	70	61497	45.499	ng		97
20) 3+4-Methylphenols	8.877	107	61453	35.006	ng		92
22) Acetophenone	8.924	105	104491	44.456	ng		97
24) Nitrobenzene	9.312	77	89613	44.154	ng		90
25) Isophorone	9.829	82	172956	48.767	ng		98
26) 2-Nitrophenol	10.029	139	36779	43.337	ng		93
27) 2,4-Dimethylphenol	10.082	122	59150	48.665	ng	#	82
28) bis(2-Chloroethoxy)met...	10.311	93	86960	43.644	ng		98
29) 2,4-Dichlorophenol	10.563	162	73464	48.078	ng		96
30) 1,2,4-Trichlorobenzene	10.781	180	70815	40.948	ng		97
31) Naphthalene	10.969	128	194019	42.923	ng		97
32) Benzoic acid	10.217	122	15539m	21.788	ng		
33) 4-Chloroaniline	11.074	127	39251	20.278	ng		96
34) Hexachlorobutadiene	11.251	225	49384	38.442	ng		99
35) Caprolactam	11.838	113	9208m	17.096	ng		
36) 4-Chloro-3-methylphenol	12.190	107	85473	48.048	ng		95
37) 2-Methylnaphthalene	12.566	142	151956	45.432	ng		95
38) 1-Methylnaphthalene	12.784	142	148130	45.372	ng		91
40) 1,2,4,5-Tetrachloroben...	12.937	216	101438	39.483	ng		99
41) Hexachlorocyclopentadiene	12.913	237	84119	63.427	ng		95
43) 2,4,6-Trichlorophenol	13.171	196	71605	40.424	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.248	196	77893	41.266	ng		97
46) 1,1'-Biphenyl	13.565	154	218260	40.067	ng		99
47) 2-Chloronaphthalene	13.612	162	172024	39.582	ng		96
48) 2-Nitroaniline	13.806	65	75445	45.743	ng		92
49) Acenaphthylene	14.452	152	308170	45.297	ng		98
50) Dimethylphthalate	14.176	163	267141	44.153	ng		99
51) 2,6-Dinitrotoluene	14.299	165	59683	47.285	ng	#	85
52) Acenaphthene	14.793	154	224023m	48.557	ng		
53) 3-Nitroaniline	14.628	138	28190	21.121	ng	#	89
54) 2,4-Dinitrophenol	14.840	184	72097	89.771	ng	#	84
55) Dibenzofuran	15.128	168	307208	42.525	ng		100
56) 4-Nitrophenol	14.946	139	44443	43.661	ng	#	81
57) 2,4-Dinitrotoluene	15.087	165	87057	48.446	ng		87
58) Fluorene	15.774	166	257733	44.172	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.357	232	81160	44.275	ng		98
60) Diethylphthalate	15.533	149	306004	48.272	ng		99
61) 4-Chlorophenyl-phenyle...	15.762	204	137648	41.616	ng		99
62) 4-Nitroaniline	15.791	138	61858	43.922	ng	#	81
63) Azobenzene	16.056	77	279634	43.752	ng		98
65) 4,6-Dinitro-2-methylph...	15.856	198	54354	38.714	ng		97
66) n-Nitrosodiphenylamine	15.974	169	238267	41.173	ng		98
67) 4-Bromophenyl-phenylether	16.655	248	103172	40.011	ng		95
68) Hexachlorobenzene	16.784	284	116127	41.586	ng		93
69) Atrazine	16.919	200	107263	47.451	ng		95
70) Pentachlorophenol	17.131	266	128385	84.123	ng		88
71) Phenanthrene	17.519	178	466635	42.452	ng		98
72) Anthracene	17.607	178	468415	43.015	ng		99
73) Carbazole	17.877	167	439728	41.541	ng		99
74) Di-n-butylphthalate	18.423	149	510878	42.554	ng		98
75) Fluoranthene	19.522	202	603679	42.845	ng		98
77) Benzidine	19.698	184	79390	13.809	ng		99
78) Pyrene	19.886	202	607466	42.329	ng		98
80) Butylbenzylphthalate	20.761	149	224610	41.981	ng		99
81) Benzo(a)anthracene	21.742	228	594429	43.145	ng		98
82) 3,3'-Dichlorobenzidine	21.648	252	124998	24.670	ng		97
83) Chrysene	21.807	228	547034	42.783	ng		99
84) Bis(2-ethylhexyl)phtha...	21.631	149	318403	44.027	ng		99
85) Di-n-octyl phthalate	22.858	149	539402	44.596	ng		97
87) Indeno(1,2,3-cd)pyrene	28.827	276	663011	42.096	ng		98
88) Benzo(b)fluoranthene	24.010	252	615855	46.043	ng		99
89) Benzo(k)fluoranthene	24.074	252	583353	44.375	ng		99
90) Benzo(a)pyrene	24.897	252	590545	51.825	ng		98
91) Dibenzo(a,h)anthracene	28.891	278	574832	44.343	ng		96
92) Benzo(g,h,i)perylene	30.008	276	575952	45.077	ng		97

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

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