Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030222\
Data File : BG052538.D
Acq On : 2 Mar 2022 15:48
Operator : CG/JU
Sample : N1719-01MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TT-148-IDWSO-20220228MS

Manual Integrations APPROVED

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

Quant Time: Mar 03 02:25:53 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	8.219	152	31339	20.000	ng	0.00
21) Naphthalene-d8	11.056	136	125455	20.000	ng	#-0.01
39) Acenaphthene-d10	14.869	164	85622	20.000	ng	0.00
64) Phenanthrene-d10	17.618	188	204807	20.000	ng	0.00
76) Chrysene-d12	21.935	240	210820	20.000	ng	0.00
86) Perylene-d12	25.401	264	230813	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.757	112	249656	138.842	ng	0.00
7) Phenol-d6	7.373	99	350347	126.277	ng	0.00
23) Nitrobenzene-d5	9.394	82	230781	79.949	ng	0.00
42) 2,4,6-Tribromophenol	16.355	330	162588	132.175	ng	0.00
45) 2-Fluorobiphenyl	13.488	172	516478	83.818	ng	0.00
79) Terphenyl-d14	20.208	244	909889	76.214	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.578	88	34126	41.216	ng	# 92
3) Pyridine	3.989	79	87826	36.574	ng	97
4) n-Nitrosodimethylamine	3.901	42	51802	41.778	ng	# 69
6) Aniline	7.531	93	81364	25.242	ng	96
8) 2-Chlorophenol	7.784	128	100804	50.960	ng	96
9) Benzaldehyde	7.343	77	70359	47.080	ng	91
10) Phenol	7.402	94	142269	51.610	ng	95
11) bis(2-Chloroethyl)ether	7.620	93	91598	43.472	ng	95
12) 1,3-Dichlorobenzene	8.107	146	109194	48.449	ng	94
13) 1,4-Dichlorobenzene	8.260	146	109510	47.663	ng	96
14) 1,2-Dichlorobenzene	8.583	146	105595	46.601	ng	92
15) Benzyl Alcohol	8.454	79	102538	44.531	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.747	45	123546	40.604	ng	94
17) 2-Methylphenol	8.665	107	88417	48.606	ng	92
18) Hexachloroethane	9.323	117	37338	46.737	ng	92
19) n-Nitroso-di-n-propyla...	9.024	70	86405	41.310	ng	88
20) 3+4-Methylphenols	8.994	107	122848	47.205	ng	91
22) Acetophenone	9.047	105	150195	45.298	ng	# 95
24) Nitrobenzene	9.435	77	125955	46.000	ng	94
25) Isophorone	9.963	82	232029	47.242	ng	99
26) 2-Nitrophenol	10.157	139	57227	49.309	ng	93
27) 2,4-Dimethylphenol	10.216	122	99983	58.186	ng	91
28) bis(2-Chloroethoxy)met...	10.439	93	126352	45.330	ng	97
29) 2,4-Dichlorophenol	10.704	162	103464	50.233	ng	99
30) 1,2,4-Trichlorobenzene	10.921	180	110048	45.756	ng	98
31) Naphthalene	11.109	128	304990	46.373	ng	98
32) Benzoic acid	10.369	122	47638	43.514	ng	97
33) 4-Chloroaniline	11.209	127	37624	13.702	ng	# 95
34) Hexachlorobutadiene	11.397	225	70586	43.457	ng	97
35) Caprolactam	11.984	113	34628m	46.134	ng	
36) 4-Chloro-3-methylphenol	12.331	107	112945	48.201	ng	99
37) 2-Methylnaphthalene	12.707	142	221678	45.380	ng	98
38) 1-Methylnaphthalene	12.924	142	212366	44.864	ng	100
40) 1,2,4,5-Tetrachloroben...	13.071	216	135749	48.202	ng	98
41) Hexachlorocyclopentadiene	13.053	237	135311	98.449	ng	94
43) 2,4,6-Trichlorophenol	13.306	196	91391	49.619	ng	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.382	196	97936	49.066	ng		94
46) 1,1'-Biphenyl	13.700	154	305652	48.682	ng		98
47) 2-Chloronaphthalene	13.747	162	234299	48.437	ng		99
48) 2-Nitroaniline	13.946	65	82525	47.920	ng		92
49) Acenaphthylene	14.592	152	403748	51.275	ng		99
50) Dimethylphthalate	14.310	163	311896	47.551	ng		100
51) 2,6-Dinitrotoluene	14.428	165	70684	49.939	ng		89
52) Acenaphthene	14.933	154	277984m	53.906	ng		
53) 3-Nitroaniline	14.763	138	30714	20.877	ng	#	97
54) 2,4-Dinitrophenol	14.974	184	87404	98.508	ng		96
55) Dibenzofuran	15.262	168	373112	46.007	ng		99
56) 4-Nitrophenol	15.080	139	112583	101.898	ng		86
57) 2,4-Dinitrotoluene	15.221	165	100909	50.090	ng	#	87
58) Fluorene	15.914	166	310976	48.034	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.491	232	89334	46.850	ng		99
60) Diethylphthalate	15.662	149	319333	48.195	ng		98
61) 4-Chlorophenyl-phenyle...	15.897	204	170045	46.109	ng		99
62) 4-Nitroaniline	15.926	138	70729	45.666	ng		89
63) Azobenzene	16.190	77	301206	44.406	ng		93
65) 4,6-Dinitro-2-methylph...	15.991	198	60623	49.205	ng		89
66) n-Nitrosodiphenylamine	16.108	169	279208	49.479	ng		98
67) 4-Bromophenyl-phenylether	16.795	248	116746	46.873	ng		93
68) Hexachlorobenzene	16.925	284	126654	46.885	ng		92
69) Atrazine	17.054	200	116549	51.087	ng		95
70) Pentachlorophenol	17.271	266	141783	107.283	ng		96
71) Phenanthrene	17.659	178	503774	47.715	ng		98
72) Anthracene	17.753	178	510451	49.337	ng		99
73) Carbazole	18.017	167	475916	47.164	ng		99
74) Di-n-butylphthalate	18.558	149	554500	50.436	ng		98
75) Fluoranthene	19.662	202	635845	47.297	ng		99
77) Benzidine	19.832	184	308980	68.590	ng		100
78) Pyrene	20.026	202	634892	45.006	ng		99
80) Butylbenzylphthalate	20.890	149	245280	50.056	ng		97
81) Benzo(a)anthracene	21.912	228	668783	47.939	ng		98
82) 3,3'-Dichlorobenzidine	21.812	252	97634	20.047	ng		99
83) Chrysene	21.982	228	613743	46.426	ng		99
84) Bis(2-ethylhexyl)phtha...	21.789	149	357910	52.676	ng		98
85) Di-n-octyl phthalate	23.081	149	606429	53.234	ng	#	94
87) Indeno(1,2,3-cd)pyrene	29.408	276	775768	45.930	ng	#	98
88) Benzo(b)fluoranthene	24.297	252	722147	50.208	ng		100
89) Benzo(k)fluoranthene	24.367	252	673829	47.424	ng		98
90) Benzo(a)pyrene	25.237	252	688337	56.653	ng		99
91) Dibenzo(a,h)anthracene	29.472	278	674570	48.346	ng	#	97
92) Benzo(g,h,i)perylene	30.653	276	667294	48.731	ng		96

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

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