Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082321\
Data File : BG049940.D
Acq On : 23 Aug 2021 19:34
Operator : CG/JU
Sample : M3463-09MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SWCS-20-0306MS

Manual Integrations APPROVED
mohammad
8/24/2021 11:19:01 AM

Quant Time: Aug 24 02:27:55 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 23 16:13:24 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.981	152	29972	20.000	ng		# 0.00
21) Naphthalene-d8	10.801	136	120633	20.000	ng		#-0.01
39) Acenaphthene-d10	14.637	164	82654	20.000	ng		-0.01
64) Phenanthrene-d10	17.392	188	178481	20.000	ng		#-0.01
76) Chrysene-d12	21.668	240	142741	20.000	ng		-0.01
86) Perylene-d12	24.905	264	147673	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.537	112	148942	89.081	ng		0.00
7) Phenol-d6	7.158	99	206821	81.717	ng		0.00
23) Nitrobenzene-d5	9.150	82	196411	72.048	ng		-0.01
42) 2,4,6-Tribromophenol	16.134	330	90437	74.440	ng		-0.01
45) 2-Fluorobiphenyl	13.256	172	342116	60.228	ng		0.00
79) Terphenyl-d14	20.000	244	420270	53.474	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.369	88	23221	31.782	ng		92
3) Pyridine	3.781	79	59109	29.513	ng	#	85
4) n-Nitrosodimethylamine	3.698	42	44365	41.196	ng	#	60
6) Aniline	7.299	93	107625	40.123	ng	#	88
8) 2-Chlorophenol	7.546	128	93317	51.191	ng		96
9) Benzaldehyde	7.111	77	64268	38.056	ng		87
10) Phenol	7.182	94	120198	49.014	ng		92
11) bis(2-Chloroethyl)ether	7.393	93	77018	46.514	ng		90
12) 1,3-Dichlorobenzene	7.863	146	95171	45.585	ng		99
13) 1,4-Dichlorobenzene	8.016	146	97026	45.912	ng		92
14) 1,2-Dichlorobenzene	8.333	146	92004	45.956	ng		95
15) Benzyl Alcohol	8.222	79	101302	47.660	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.509	45	84724	45.032	ng		95
17) 2-Methylphenol	8.439	107	81058	50.194	ng		95
18) Hexachloroethane	9.062	117	38423	47.297	ng		96
19) n-Nitroso-di-n-propyla...	8.791	70	72184	42.620	ng	#	91
20) 3+4-Methylphenols	8.768	107	114735	50.588	ng		96
22) Acetophenone	8.809	105	147477	44.999	ng	#	95
24) Nitrobenzene	9.191	77	116355	40.449	ng		96
25) Isophorone	9.720	82	195064	40.099	ng		98
26) 2-Nitrophenol	9.908	139	53168	48.432	ng		97
27) 2,4-Dimethylphenol	9.972	122	87796	54.110	ng		100
28) bis(2-Chloroethoxy)met...	10.195	93	104324	49.025	ng	#	90
29) 2,4-Dichlorophenol	10.454	162	94437	47.429	ng		93
30) 1,2,4-Trichlorobenzene	10.660	180	102291	46.658	ng		94
31) Naphthalene	10.853	128	274930	43.517	ng		98
32) Benzoic acid	10.154	122	46497m	41.346	ng		
33) 4-Chloroaniline	10.965	127	69814	27.990	ng		95
34) Hexachlorobutadiene	11.129	225	71093	44.624	ng	#	88
35) Caprolactam	11.752	113	28625m	46.529	ng		
36) 4-Chloro-3-methylphenol	12.105	107	111545	48.499	ng	#	93
37) 2-Methylnaphthalene	12.463	142	216825	45.559	ng		97
38) 1-Methylnaphthalene	12.680	142	198184	44.308	ng		97
40) 1,2,4,5-Tetrachloroben...	12.833	216	118552	48.679	ng		99
41) Hexachlorocyclopentadiene	12.804	237	98616	75.436	ng		95
43) 2,4,6-Trichlorophenol	13.074	196	80413	48.977	ng		91

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.156	196	86103	48.340	ng		92
46) 1,1'-Biphenyl	13.467	154	267629	45.462	ng		99
47) 2-Chloronaphthalene	13.514	162	216552	46.056	ng		98
48) 2-Nitroaniline	13.720	65	77609	44.952	ng		94
49) Acenaphthylene	14.360	152	339031	45.494	ng		97
50) Dimethylphthalate	14.090	163	282927	45.369	ng		99
51) 2,6-Dinitrotoluene	14.214	165	59750	43.517	ng		91
52) Acenaphthene	14.701	154	200079	44.569	ng		90
53) 3-Nitroaniline	14.548	138	47376	35.382	ng	#	89
54) 2,4-Dinitrophenol	14.766	184	73203	93.912	ng		99
55) Dibenzofuran	15.042	168	318310	43.708	ng		99
56) 4-Nitrophenol	14.883	139	87799	89.754	ng		94
57) 2,4-Dinitrotoluene	15.012	165	89763	46.546	ng	#	93
58) Fluorene	15.688	166	266551	45.030	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.271	232	73291m	44.302	ng		
60) Diethylphthalate	15.453	149	286447	45.671	ng		98
61) 4-Chlorophenyl-phenyle...	15.676	204	141862	44.902	ng		92
62) 4-Nitroaniline	15.717	138	63288	45.950	ng		93
63) Azobenzene	15.970	77	273789	41.243	ng		87
65) 4,6-Dinitro-2-methylph...	15.782	198	47739	41.612	ng		91
66) n-Nitrosodiphenylamine	15.894	169	231911	45.986	ng		98
67) 4-Bromophenyl-phenylether	16.575	248	100373	47.751	ng		92
68) Hexachlorobenzene	16.698	284	109052	46.696	ng		97
69) Atrazine	16.845	200	100750	49.943	ng		97
70) Pentachlorophenol	17.051	266	92590	73.938	ng		95
71) Phenanthrene	17.439	178	419537	44.678	ng		96
72) Anthracene	17.527	178	422131	45.774	ng		97
73) Carbazole	17.797	167	375972	43.046	ng		98
74) Di-n-butylphthalate	18.343	149	455114	44.699	ng		98
75) Fluoranthene	19.448	202	479056	41.459	ng		97
77) Benzidine	19.624	184	270751	74.030	ng		99
78) Pyrene	19.812	202	467263	48.016	ng		98
80) Butylbenzylphthalate	20.687	149	178733	48.226	ng		97
81) Benzo(a)anthracene	21.651	228	415635	44.712	ng		98
82) 3,3'-Dichlorobenzidine	21.562	252	115215	42.449	ng		100
83) Chrysene	21.715	228	393488	44.282	ng		97
84) Bis(2-ethylhexyl)phtha...	21.539	149	230263	43.892	ng		97
85) Di-n-octyl phthalate	22.749	149	386637	43.626	ng		99
87) Indeno(1,2,3-cd)pyrene	28.623	276	483055	45.358	ng		99
88) Benzo(b)fluoranthene	23.877	252	427466	44.136	ng	#	95
89) Benzo(k)fluoranthene	23.947	252	393883	43.600	ng	#	97
90) Benzo(a)pyrene	24.752	252	404935	46.199	ng		97
91) Dibenzo(a,h)anthracene	28.670	278	413439	46.069	ng	#	97
92) Benzo(g,h,i)perylene	29.787	276	402305	45.757	ng		98

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

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