Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081621\
Data File : BG049848.D
Acq On : 16 Aug 2021 13:13
Operator : CG/JU
Sample : M3408-14MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 34NMS

Manual Integrations APPROVED
mohammad
8/17/2021 1:20:33 PM

Quant Time: Aug 16 15:36:15 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 03 15:15:33 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.026	152	29962	20.000	ng		-0.01
21) Naphthalene-d8	10.851	136	122966	20.000	ng		-0.01
39) Acenaphthene-d10	14.682	164	83935	20.000	ng		-0.01
64) Phenanthrene-d10	17.437	188	173517	20.000	ng		# 0.00
76) Chrysene-d12	21.719	240	154160	20.000	ng		0.00
86) Perylene-d12	24.997	264	163382	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.588	112	175305	104.884	ng		0.00
7) Phenol-d6	7.198	99	241558	95.474	ng		0.00
23) Nitrobenzene-d5	9.201	82	167653	60.332	ng		-0.01
42) 2,4,6-Tribromophenol	16.180	330	118546	96.087	ng		0.00
45) 2-Fluorobiphenyl	13.301	172	364926	63.263	ng		-0.01
79) Terphenyl-d14	20.045	244	554386	65.314	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.438	88	28437	38.934	ng		97
3) Pyridine	3.849	79	67328	33.628	ng		87
4) n-Nitrosodimethylamine	3.767	42	48650	45.190	ng	#	70
6) Aniline	7.350	93	131659	49.099	ng		94
8) 2-Chlorophenol	7.591	128	96939	53.196	ng		95
9) Benzaldehyde	7.162	77	74655	44.222	ng		85
10) Phenol	7.221	94	123071	50.202	ng		97
11) bis(2-Chloroethyl)ether	7.444	93	81476	49.222	ng		88
12) 1,3-Dichlorobenzene	7.914	146	100154	47.988	ng		95
13) 1,4-Dichlorobenzene	8.067	146	103082	48.794	ng		96
14) 1,2-Dichlorobenzene	8.384	146	97916	48.925	ng		94
15) Benzyl Alcohol	8.273	79	106497	50.121	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.560	45	88557	47.085	ng		98
17) 2-Methylphenol	8.478	107	86102	53.335	ng		95
18) Hexachloroethane	9.113	117	40614	50.011	ng		98
19) n-Nitroso-di-n-propyla...	8.837	70	77531	45.792	ng	#	91
20) 3+4-Methylphenols	8.807	107	117716	51.920	ng		96
22) Acetophenone	8.860	105	158033	47.305	ng	#	94
24) Nitrobenzene	9.242	77	127004	43.313	ng		98
25) Isophorone	9.765	82	211880	42.730	ng		97
26) 2-Nitrophenol	9.959	139	57007	50.943	ng		92
27) 2,4-Dimethylphenol	10.017	122	91689	55.437	ng		97
28) bis(2-Chloroethoxy)met...	10.246	93	110245	50.824	ng	#	90
29) 2,4-Dichlorophenol	10.499	162	100761	49.645	ng		97
30) 1,2,4-Trichlorobenzene	10.711	180	105188	47.070	ng		97
31) Naphthalene	10.898	128	294235	45.689	ng		99
32) Benzoic acid	10.188	122	52264	45.085	ng		83
33) 4-Chloroaniline	11.010	127	97213	38.236	ng		99
34) Hexachlorobutadiene	11.180	225	72672	44.750	ng		92
35) Caprolactam	11.803	113	30940m	49.338	ng		
36) 4-Chloro-3-methylphenol	12.144	107	116543	49.711	ng		95
37) 2-Methylnaphthalene	12.508	142	217562	44.846	ng		94
38) 1-Methylnaphthalene	12.725	142	202125	44.331	ng		94
40) 1,2,4,5-Tetrachloroben...	12.878	216	119424	48.289	ng		95
41) Hexachlorocyclopentadiene	12.855	237	146412	108.653	ng		96
43) 2,4,6-Trichlorophenol	13.119	196	83865	50.300	ng		91

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44) 2,4,5-Trichlorophenol	13.201	196	89503	49.482	ng		88
46) 1,1'-Biphenyl	13.513	154	274640	45.941	ng		99
47) 2-Chloronaphthalene	13.560	162	224741	47.068	ng		96
48) 2-Nitroaniline	13.765	65	79485	45.336	ng		95
49) Acenaphthylene	14.406	152	351727	46.477	ng		96
50) Dimethylphthalate	14.135	163	294142	46.448	ng		98
51) 2,6-Dinitrotoluene	14.259	165	62077	44.522	ng		91
52) Acenaphthene	14.746	154	206506	45.298	ng		96
53) 3-Nitroaniline	14.593	138	52592	38.678	ng		92
54) 2,4-Dinitrophenol	14.811	184	70436	88.983	ng		92
55) Dibenzofuran	15.081	168	328943	44.478	ng		96
56) 4-Nitrophenol	14.911	139	91833	92.445	ng		97
57) 2,4-Dinitrotoluene	15.052	165	87865	44.867	ng		93
58) Fluorene	15.733	166	273891	45.564	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.316	232	78214	46.557	ng		100
60) Diethylphthalate	15.498	149	293677	46.109	ng		97
61) 4-Chlorophenyl-phenyle...	15.721	204	148159	46.179	ng		96
62) 4-Nitroaniline	15.762	138	62604	44.759	ng		94
63) Azobenzene	16.015	77	282613	41.923	ng		88
65) 4,6-Dinitro-2-methylph...	15.821	198	50650	45.412	ng		94
66) n-Nitrosodiphenylamine	15.939	169	236414	48.220	ng		98
67) 4-Bromophenyl-phenylether	16.620	248	99374	48.628	ng		92
68) Hexachlorobenzene	16.744	284	108618	47.841	ng		97
69) Atrazine	16.890	200	100912	51.454	ng		96
70) Pentachlorophenol	17.090	266	110178	90.500	ng		99
71) Phenanthrene	17.478	178	424442	46.494	ng		97
72) Anthracene	17.572	178	431622	48.142	ng		98
73) Carbazole	17.842	167	381645	44.945	ng		97
74) Di-n-butylphthalate	18.388	149	464785	46.955	ng		98
75) Fluoranthene	19.493	202	493292	43.912	ng		97
77) Benzidine	19.669	184	319785	80.960	ng		98
78) Pyrene	19.851	202	493838	46.988	ng		96
80) Butylbenzylphthalate	20.726	149	191277	47.788	ng		97
81) Benzo(a)anthracene	21.702	228	458798	45.699	ng		98
82) 3,3'-Dichlorobenzidine	21.608	252	138012	47.082	ng		99
83) Chrysene	21.772	228	438665	45.709	ng		99
84) Bis(2-ethylhexyl)phtha...	21.590	149	264764	46.730	ng		95
85) Di-n-octyl phthalate	22.812	149	452410	47.266	ng		100
87) Indeno(1,2,3-cd)pyrene	28.757	276	560847	47.599	ng	#	97
88) Benzo(b)fluoranthene	23.951	252	485353	45.295	ng		99
89) Benzo(k)fluoranthene	24.022	252	467701m	46.793	ng		
90) Benzo(a)pyrene	24.844	252	475270	49.010	ng		97
91) Dibenzo(a,h)anthracene	28.810	278	471607	47.498	ng	#	94
92) Benzo(g,h,i)perylene	29.932	276	463853	47.685	ng		98

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

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