Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081621\
Data File : BG049849.D
Acq On : 16 Aug 2021 13:54
Operator : CG/JU
Sample : M3408-14MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 16 15:36:54 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

Instrument :
BNA_G
ClientSampleId :
34NMSD

Manual Integrations APPROVED

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.031	152	32227	20.000	ng		# 0.00
21) Naphthalene-d8	10.851	136	124636	20.000	ng		-0.01
39) Acenaphthene-d10	14.687	164	83605	20.000	ng		0.00
64) Phenanthrene-d10	17.436	188	178454	20.000	ng		# 0.00
76) Chrysene-d12	21.725	240	154529	20.000	ng		0.00
86) Perylene-d12	24.997	264	170789	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.588	112	172143	95.754	ng		0.00
7) Phenol-d6	7.197	99	241210	88.636	ng		0.00
23) Nitrobenzene-d5	9.200	82	166735	59.198	ng		-0.01
42) 2,4,6-Tribromophenol	16.179	330	120496	98.053	ng		0.00
45) 2-Fluorobiphenyl	13.301	172	361167	62.858	ng		-0.01
79) Terphenyl-d14	20.045	244	574267	67.494	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.443	88	28268	35.982	ng		97
3) Pyridine	3.849	79	65634	30.478	ng	#	85
4) n-Nitrosodimethylamine	3.767	42	47077	40.655	ng	#	78
6) Aniline	7.350	93	128224	44.458	ng		98
8) 2-Chlorophenol	7.597	128	95207	48.574	ng		98
9) Benzaldehyde	7.162	77	73807	40.647	ng		91
10) Phenol	7.227	94	123425	46.808	ng		87
11) bis(2-Chloroethyl)ether	7.444	93	80432	45.177	ng		88
12) 1,3-Dichlorobenzene	7.914	146	99472	44.312	ng		95
13) 1,4-Dichlorobenzene	8.067	146	99772	43.908	ng		97
14) 1,2-Dichlorobenzene	8.384	146	96206	44.692	ng		91
15) Benzyl Alcohol	8.272	79	104371	45.668	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.554	45	86453	42.735	ng		97
17) 2-Methylphenol	8.478	107	83779	48.249	ng		93
18) Hexachloroethane	9.112	117	39345	45.043	ng		94
19) n-Nitroso-di-n-propyla...	8.836	70	76699	42.117	ng	#	92
20) 3+4-Methylphenols	8.813	107	114646	47.012	ng		97
22) Acetophenone	8.860	105	155431	45.902	ng	#	93
24) Nitrobenzene	9.241	77	126221	42.469	ng		94
25) Isophorone	9.764	82	205542	40.896	ng		96
26) 2-Nitrophenol	9.958	139	55841	49.233	ng		98
27) 2,4-Dimethylphenol	10.017	122	89687	53.500	ng		97
28) bis(2-Chloroethoxy)met...	10.246	93	108668	49.426	ng		93
29) 2,4-Dichlorophenol	10.504	162	97333	47.314	ng		92
30) 1,2,4-Trichlorobenzene	10.710	180	103754	45.806	ng		93
31) Naphthalene	10.904	128	286970	43.964	ng		98
32) Benzoic acid	10.181	122	48264	41.516	ng	#	76
33) 4-Chloroaniline	11.010	127	94076	36.506	ng		98
34) Hexachlorobutadiene	11.180	225	72523	44.060	ng		89
35) Caprolactam	11.803	113	30417m	47.854	ng		
36) 4-Chloro-3-methylphenol	12.143	107	115277	48.512	ng	#	92
37) 2-Methylnaphthalene	12.508	142	217741	44.282	ng		99
38) 1-Methylnaphthalene	12.725	142	200525	43.391	ng		95
40) 1,2,4,5-Tetrachloroben...	12.878	216	118403	48.065	ng		97
41) Hexachlorocyclopentadiene	12.848	237	137769	102.838	ng		93
43) 2,4,6-Trichlorophenol	13.119	196	83508	50.283	ng		91

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.195	196	88023	48.856	ng		89
46) 1,1'-Biphenyl	13.512	154	275929	46.339	ng		98
47) 2-Chloronaphthalene	13.559	162	226302	47.582	ng		99
48) 2-Nitroaniline	13.765	65	81285	46.545	ng	#	86
49) Acenaphthylene	14.405	152	351722	46.660	ng		96
50) Dimethylphthalate	14.135	163	294504	46.689	ng		99
51) 2,6-Dinitrotoluene	14.258	165	63814	45.948	ng		88
52) Acenaphthene	14.752	154	204784	45.098	ng		97
53) 3-Nitroaniline	14.593	138	50164	37.038	ng		92
54) 2,4-Dinitrophenol	14.805	184	69954	88.723	ng		98
55) Dibenzofuran	15.081	168	326469	44.318	ng		95
56) 4-Nitrophenol	14.916	139	94211	95.213	ng		91
57) 2,4-Dinitrotoluene	15.051	165	90298	46.291	ng		97
58) Fluorene	15.733	166	271907	45.413	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.316	232	77380	46.242	ng		96
60) Diethylphthalate	15.492	149	291335	45.922	ng		96
61) 4-Chlorophenyl-phenyle...	15.721	204	148672	46.522	ng		97
62) 4-Nitroaniline	15.762	138	65463	46.988	ng	#	84
63) Azobenzene	16.015	77	284708	42.400	ng		87
65) 4,6-Dinitro-2-methylph...	15.821	198	49822	43.434	ng		86
66) n-Nitrosodiphenylamine	15.938	169	236250	46.853	ng		98
67) 4-Bromophenyl-phenylether	16.620	248	96827	46.071	ng		92
68) Hexachlorobenzene	16.743	284	109288	46.804	ng		95
69) Atrazine	16.890	200	101478	50.311	ng		98
70) Pentachlorophenol	17.090	266	108740	86.848	ng		97
71) Phenanthrene	17.483	178	430797	45.885	ng		97
72) Anthracene	17.571	178	435548	47.236	ng		97
73) Carbazole	17.842	167	384413	44.019	ng		98
74) Di-n-butylphthalate	18.388	149	473604	46.522	ng		98
75) Fluoranthene	19.492	202	517620	44.803	ng		99
77) Benzidine	19.669	184	329136	83.129	ng		97
78) Pyrene	19.857	202	510869	48.493	ng		98
80) Butylbenzylphthalate	20.732	149	197602	49.250	ng		97
81) Benzo(a)anthracene	21.701	228	471257	46.828	ng		98
82) 3,3'-Dichlorobenzidine	21.613	252	145439	49.497	ng		96
83) Chrysene	21.772	228	456769	47.482	ng		98
84) Bis(2-ethylhexyl)phtha...	21.589	149	271639	47.829	ng	#	95
85) Di-n-octyl phthalate	22.817	149	473645	49.367	ng		99
87) Indeno(1,2,3-cd)pyrene	28.768	276	573240	46.541	ng	#	61
88) Benzo(b)fluoranthene	23.957	252	513784m	45.869	ng		
89) Benzo(k)fluoranthene	24.027	252	476922	45.646	ng		99
90) Benzo(a)pyrene	24.850	252	488017	48.142	ng		99
91) Dibenzo(a,h)anthracene	28.815	278	480344	46.280	ng		99
92) Benzo(g,h,i)perylene	29.937	276	477324	46.942	ng		99

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

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