Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041723\
Data File : BG057119.D
Acq On : 17 Apr 2023 20:32
Operator : CG/JU
Sample : 02357-01MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P2-S1-230413MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023

Quant Time: Apr 18 01:21:40 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 17 19:00:08 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.397	152	15817	20.000	ng		-0.01
21) Naphthalene-d8	11.241	136	44701	20.000	ng		0.00
39) Acenaphthene-d10	15.012	164	48684	20.000	ng		0.00
64) Phenanthrene-d10	17.749	188	113393	20.000	ng		#-0.01
76) Chrysene-d12	22.073	240	91499	20.000	ng		# 0.00
86) Perylene-d12	25.603	264	100858	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.912	112	79142	80.080	ng		0.00
7) Phenol-d6	7.534	99	168626	114.083	ng		0.00
23) Nitrobenzene-d5	9.578	82	84232	77.103	ng		0.00
42) 2,4,6-Tribromophenol	16.492	330	78371	100.767	ng		0.00
45) 2-Fluorobiphenyl	13.637	172	207846	57.892	ng		0.00
79) Terphenyl-d14	20.316	244	361322	66.822	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.710	88	18368	42.398	ng		97
3) Pyridine	4.133	79	27338	19.592	ng	#	91
4) n-Nitrosodimethylamine	4.039	42	18144	28.282	ng		92
6) Aniline	7.710	93	55158	29.190	ng		97
8) 2-Chlorophenol	7.957	128	54234	55.094	ng		90
9) Benzaldehyde	7.522	77	39254	42.341	ng		97
10) Phenol	7.563	94	78130	53.345	ng		94
11) bis(2-Chloroethyl)ether	7.798	93	50040	47.964	ng		94
12) 1,3-Dichlorobenzene	8.286	146	53603	49.281	ng		97
13) 1,4-Dichlorobenzene	8.433	146	54002	49.192	ng		98
14) 1,2-Dichlorobenzene	8.762	146	53405	50.354	ng		94
15) Benzyl Alcohol	8.632	79	58404	47.553	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.914	45	67366	53.579	ng		94
17) 2-Methylphenol	8.838	107	51591	49.374	ng		87
18) Hexachloroethane	9.496	117	17885	44.574	ng		92
19) n-Nitroso-di-n-propyla...	9.202	70	47601	45.024	ng		97
20) 3+4-Methylphenols	9.161	107	74399	50.919	ng		96
22) Acetophenone	9.226	105	87135	65.509	ng	#	94
24) Nitrobenzene	9.619	77	47397	42.435	ng		96
25) Isophorone	10.142	82	83356	40.069	ng	#	95
26) 2-Nitrophenol	10.336	139	20241	46.950	ng		95
27) 2,4-Dimethylphenol	10.377	122	35026	46.015	ng		99
28) bis(2-Chloroethoxy)met...	10.618	93	43320	41.594	ng		97
29) 2,4-Dichlorophenol	10.876	162	38185	46.646	ng		97
30) 1,2,4-Trichlorobenzene	11.094	180	41343	47.531	ng		97
31) Naphthalene	11.293	128	110974	45.546	ng		98
32) Benzoic acid	10.518	122	22984m	43.958	ng		
33) 4-Chloroaniline	11.387	127	19601	17.812	ng		98
34) Hexachlorobutadiene	11.564	225	30759	47.077	ng		95
35) Caprolactam	12.157	113	14143m	50.097	ng		
36) 4-Chloro-3-methylphenol	12.480	107	62580	68.358	ng		97
37) 2-Methylnaphthalene	12.868	142	123187	63.703	ng		96
38) 1-Methylnaphthalene	13.085	142	114712	63.174	ng		98
40) 1,2,4,5-Tetrachloroben...	13.226	216	76252	45.167	ng		98
41) Hexachlorocyclopentadiene	13.203	237	86892	93.415	ng		99
43) 2,4,6-Trichlorophenol	13.461	196	51015	47.354	ng		98

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44) 2,4,5-Trichlorophenol	13.532	196	55561	43.534	ng		96
46) 1,1'-Biphenyl	13.849	154	170053	47.717	ng		97
47) 2-Chloronaphthalene	13.902	162	132139	50.133	ng		98
48) 2-Nitroaniline	14.095	65	43801	46.474	ng		93
49) Acenaphthylene	14.742	152	207448	47.902	ng		98
50) Dimethylphthalate	14.448	163	172255	44.905	ng		100
51) 2,6-Dinitrotoluene	14.577	165	38109	45.981	ng		90
52) Acenaphthene	15.077	154	157010m	52.569	ng		
53) 3-Nitroaniline	14.912	138	22609	27.560	ng		98
54) 2,4-Dinitrophenol	15.118	184	46735	100.182	ng		98
55) Dibenzofuran	15.411	168	205131	45.760	ng		96
56) 4-Nitrophenol	15.212	139	62738	103.421	ng	#	82
57) 2,4-Dinitrotoluene	15.364	165	52237	44.688	ng	#	96
58) Fluorene	16.052	166	171056	46.114	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.629	232	49695	42.766	ng	#	93
60) Diethylphthalate	15.793	149	174525	45.384	ng		98
61) 4-Chlorophenyl-phenyle...	16.034	204	94540	43.409	ng		97
62) 4-Nitroaniline	16.069	138	38807	45.658	ng		87
63) Azobenzene	16.328	77	176432	46.037	ng		94
65) 4,6-Dinitro-2-methylph...	16.122	198	34113	49.673	ng		95
66) n-Nitrosodiphenylamine	16.246	169	145562	47.820	ng		98
67) 4-Bromophenyl-phenylether	16.927	248	62790	44.753	ng		95
68) Hexachlorobenzene	17.056	284	68763	49.573	ng		97
69) Atrazine	17.180	200	60574	47.939	ng		91
70) Pentachlorophenol	17.397	266	77485	77.864	ng		99
71) Phenanthrene	17.796	178	280757	48.563	ng		99
72) Anthracene	17.884	178	276394	46.636	ng		99
73) Carbazole	18.149	167	240228	46.491	ng	#	94
74) Di-n-butylphthalate	18.672	149	286871	47.943	ng		99
75) Fluoranthene	19.782	202	334379	45.626	ng		97
77) Benzidine	19.946	184	143680	57.450	ng		98
78) Pyrene	20.146	202	327470	51.745	ng		97
80) Butylbenzylphthalate	20.998	149	116750	53.610	ng		96
81) Benzo(a)anthracene	22.049	228	312990	49.432	ng		98
82) 3,3'-Dichlorobenzidine	21.944	252	75044	35.099	ng	#	95
83) Chrysene	22.120	228	289219	48.785	ng		99
84) Bis(2-ethylhexyl)phtha...	21.897	149	171243	54.303	ng		95
85) Di-n-octyl phthalate	23.207	149	284932	53.618	ng		99
87) Indeno(1,2,3-cd)pyrene	29.692	276	370558	49.713	ng	#	96
88) Benzo(b)fluoranthene	24.476	252	327561	51.936	ng		99
89) Benzo(k)fluoranthene	24.552	252	307451	48.830	ng	#	98
90) Benzo(a)pyrene	25.439	252	287065	46.319	ng		99
91) Dibenzo(a,h)anthracene	29.751	278	302289	49.337	ng		96
92) Benzo(g,h,i)perylene	30.973	276	294693	49.120	ng	#	96

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

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