Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062321\
Data File : BG049065.D
Acq On : 23 Jun 2021 17:28
Operator : CG/JU
Sample : M2800-01MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BORING-ADDITIONMS

Manual Integrations APPROVED
mohammad
6/24/2021 9:50:14 AM

Quant Time: Jun 24 02:17:47 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 16 12:04:50 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.108	152	26909	20.000	ng	0.00
21) Naphthalene-d8	10.928	136	112358	20.000	ng	#-0.01
39) Acenaphthene-d10	14.753	164	88255	20.000	ng	0.00
64) Phenanthrene-d10	17.497	188	221769	20.000	ng	#-0.01
76) Chrysene-d12	21.792	240	218758	20.000	ng	0.00
86) Perylene-d12	25.112	264	238462	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.658	112	165039	95.475	ng	0.00
7) Phenol-d6	7.262	99	217705	84.028	ng	0.00
23) Nitrobenzene-d5	9.277	82	148921	57.152	ng	0.00
42) 2,4,6-Tribromophenol	16.240	330	141597	108.292	ng	0.00
45) 2-Fluorobiphenyl	13.373	172	337435	54.012	ng	-0.01
79) Terphenyl-d14	20.100	244	694744	58.163	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.531	88	30427	36.055	ng	# 83
3) Pyridine	3.937	79	74063	32.352	ng	# 84
4) n-Nitrosodimethylamine	3.848	42	62344	56.868	ng	# 80
6) Aniline	7.427	93	116651	35.752	ng	91
8) 2-Chlorophenol	7.667	128	98380	51.635	ng	90
9) Benzaldehyde	7.239	77	76704	57.214	ng	88
10) Phenol	7.291	94	131339	49.070	ng	89
11) bis(2-Chloroethyl)ether	7.521	93	89228	44.930	ng	86
12) 1,3-Dichlorobenzene	7.997	146	103139	48.459	ng	96
13) 1,4-Dichlorobenzene	8.143	146	100573	47.396	ng	94
14) 1,2-Dichlorobenzene	8.461	146	101492	49.718	ng	94
15) Benzyl Alcohol	8.343	79	112392	47.367	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.631	45	153700	40.903	ng	82
17) 2-Methylphenol	8.549	107	87573	49.891	ng	96
18) Hexachloroethane	9.201	117	40587	47.678	ng	92
19) n-Nitroso-di-n-propyla...	8.913	70	82905	40.937	ng	97
20) 3+4-Methylphenols	8.878	107	121688	50.706	ng	98
22) Acetophenone	8.931	105	161027	47.106	ng	# 97
24) Nitrobenzene	9.318	77	132275	45.065	ng	94
25) Isophorone	9.841	82	221294	38.982	ng	# 97
26) 2-Nitrophenol	10.035	139	54491	54.730	ng	96
27) 2,4-Dimethylphenol	10.088	122	95552	52.932	ng	97
28) bis(2-Chloroethoxy)met...	10.323	93	120807	45.958	ng	# 89
29) 2,4-Dichlorophenol	10.576	162	101707	50.221	ng	90
30) 1,2,4-Trichlorobenzene	10.787	180	111357	47.959	ng	97
31) Naphthalene	10.981	128	300235	44.853	ng	100
32) Benzoic acid	10.241	122	75737	64.234	ng	# 69
33) 4-Chloroaniline	11.081	127	50163	17.650	ng	# 93
34) Hexachlorobutadiene	11.263	225	80042	48.367	ng	91
35) Caprolactam	11.868	113	36736m	62.752	ng	
36) 4-Chloro-3-methylphenol	12.203	107	123661	49.956	ng	# 93
37) 2-Methylnaphthalene	12.579	142	231977	45.882	ng	95
38) 1-Methylnaphthalene	12.797	142	215802	45.464	ng	95
40) 1,2,4,5-Tetrachloroben...	12.950	216	139182	49.665	ng	99
41) Hexachlorocyclopentadiene	12.932	237	195028	108.255	ng	95
43) 2,4,6-Trichlorophenol	13.185	196	101853	54.319	ng	94

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.261	196	108685	56.055	ng		92
46)	1,1'-Biphenyl	13.584	154	298435	45.866	ng		100
47)	2-Chloronaphthalene	13.631	162	241293	46.439	ng		99
48)	2-Nitroaniline	13.825	65	98275	50.855	ng		97
49)	Acenaphthylene	14.471	152	396410	45.783	ng		97
50)	Dimethylphthalate	14.201	163	344030	50.043	ng		99
51)	2,6-Dinitrotoluene	14.319	165	76422	54.587	ng		89
52)	Acenaphthene	14.812	154	304471m	54.557	ng		
53)	3-Nitroaniline	14.648	138	46726	32.966	ng	#	82
54)	2,4-Dinitrophenol	14.853	184	95802	147.728	ng		95
55)	Dibenzofuran	15.147	168	398353	45.920	ng		99
56)	4-Nitrophenol	14.959	139	134320	116.238	ng		91
57)	2,4-Dinitrotoluene	15.106	165	110750	64.402	ng		96
58)	Fluorene	15.799	166	342149	48.233	ng		100
59)	2,3,4,6-Tetrachlorophenol	15.370	232	111033m	56.574	ng		
60)	Diethylphthalate	15.564	149	374224	50.261	ng		97
61)	4-Chlorophenyl-phenyle...	15.787	204	191167	51.538	ng		97
62)	4-Nitroaniline	15.817	138	79232	55.274	ng		92
63)	Azobenzene	16.081	77	360255	42.287	ng		91
65)	4,6-Dinitro-2-methylph...	15.870	198	67322	64.016	ng		92
66)	n-Nitrosodiphenylamine	15.999	169	302092	43.710	ng		96
67)	4-Bromophenyl-phenylether	16.680	248	135004	48.754	ng		95
68)	Hexachlorobenzene	16.804	284	153046	50.994	ng		96
69)	Atrazine	16.945	200	133616	60.232	ng		98
70)	Pentachlorophenol	17.145	266	196795	109.108	ng		99
71)	Phenanthrene	17.544	178	572045	45.843	ng		97
72)	Anthracene	17.632	178	595221	47.470	ng		98
73)	Carbazole	17.897	167	547166	45.524	ng		99
74)	Di-n-butylphthalate	18.455	149	668975	49.624	ng		98
75)	Fluoranthene	19.548	202	744909	49.504	ng		98
77)	Benzidine	19.724	184	361057	81.930	ng		98
78)	Pyrene	19.912	202	736214	46.367	ng		96
80)	Butylbenzylphthalate	20.793	149	291908	48.727	ng		96
81)	Benzo(a)anthracene	21.769	228	752461	47.907	ng		99
82)	3,3'-Dichlorobenzidine	21.680	252	183398	36.513	ng		98
83)	Chrysene	21.839	228	718792	47.729	ng		97
84)	Bis(2-ethylhexyl)phtha...	21.669	149	416212	48.742	ng	#	97
85)	Di-n-octyl phthalate	22.920	149	711282	49.113	ng		98
87)	Indeno(1,2,3-cd)pyrene	28.925	276	926764	51.641	ng		97
88)	Benzo(b)fluoranthene	24.054	252	813262	47.841	ng	#	98
89)	Benzo(k)fluoranthene	24.125	252	765782	47.480	ng	#	98
90)	Benzo(a)pyrene	24.959	252	782026	50.397	ng		96
91)	Dibenzo(a,h)anthracene	28.990	278	774349	51.628	ng	#	97
92)	Benzo(g,h,i)perylene	30.112	276	769695	50.891	ng		99

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

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