Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062121\
Data File : BG049032.D
Acq On : 21 Jun 2021 14:38
Operator : CG/JU
Sample : M2777-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
X-1MS

Manual Integrations APPROVED
mohammad
6/23/2021 11:29:42 AM

Quant Time: Jun 21 15:24:22 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	8.114	152	37944	20.000	ng	0.00
21) Naphthalene-d8	10.946	136	145840	20.000	ng	# 0.00
39) Acenaphthene-d10	14.771	164	110749	20.000	ng	0.01
64) Phenanthrene-d10	17.521	188	200210	20.000	ng	# 0.01
76) Chrysene-d12	21.798	240	207341	20.000	ng	0.00
86) Perylene-d12	25.123	264	231214	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.670	112	273050	112.021	ng	0.00
7) Phenol-d6	7.274	99	355517	97.313	ng	0.00
23) Nitrobenzene-d5	9.289	82	245917	72.709	ng	0.00
42) 2,4,6-Tribromophenol	16.263	330	167804	102.269	ng	0.02
45) 2-Fluorobiphenyl	13.390	172	451795	57.629	ng	0.00
79) Terphenyl-d14	20.118	244	714158	63.081	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.543	88	42728	35.907	ng	# 76
3) Pyridine	3.954	79	103455	32.048	ng	89
4) n-Nitrosodimethylamine	3.860	42	82713	53.506	ng	# 83
6) Aniline	7.438	93	140444	30.526	ng	# 90
8) 2-Chlorophenol	7.679	128	121991	45.407	ng	87
9) Benzaldehyde	7.250	77	101455	53.668	ng	# 78
10) Phenol	7.297	94	163183	43.236	ng	92
11) bis(2-Chloroethyl)ether	7.532	93	117557	41.980	ng	88
12) 1,3-Dichlorobenzene	8.002	146	137347	45.764	ng	98
13) 1,4-Dichlorobenzene	8.155	146	136755	45.705	ng	97
14) 1,2-Dichlorobenzene	8.472	146	132984	46.200	ng	91
15) Benzyl Alcohol	8.355	79	134742	40.271	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.649	45	216511	40.862	ng	93
17) 2-Methylphenol	8.560	107	109582	44.273	ng	96
18) Hexachloroethane	9.230	117	127148	105.924	ng	# 1
19) n-Nitroso-di-n-propyla...	8.925	70	122717	42.973	ng	92
20) 3+4-Methylphenols	8.890	107	146427	43.270	ng	94
22) Acetophenone	8.931	105	518121	116.772	ng	# 66
24) Nitrobenzene	9.330	77	184489	48.424	ng	# 97
25) Isophorone	9.859	82	323359	43.884	ng	# 70
26) 2-Nitrophenol	10.047	139	65947	51.030	ng	# 76
27) 2,4-Dimethylphenol	10.106	122	112733	48.113	ng	98
28) bis(2-Chloroethoxy)met...	10.341	93	158330	46.405	ng	# 89
29) 2,4-Dichlorophenol	10.588	162	128239	48.784	ng	93
30) 1,2,4-Trichlorobenzene	10.805	180	144526	47.954	ng	95
31) Naphthalene	10.999	128	418420	48.158	ng	# 90
32) Benzoic acid	10.259	122	83648	54.656	ng	# 59
33) 4-Chloroaniline	11.099	127	92173	24.986	ng	92
34) Hexachlorobutadiene	11.281	225	105682	49.200	ng	92
35) Caprolactam	11.874	113	33910	44.626	ng	# 1
36) 4-Chloro-3-methylphenol	12.221	107	135064	42.036	ng	90
37) 2-Methylnaphthalene	12.603	142	385757	58.781	ng	93
38) 1-Methylnaphthalene	12.820	142	397752	64.558	ng	# 92
40) 1,2,4,5-Tetrachloroben...	12.973	216	164818	46.867	ng	96
41) Hexachlorocyclopentadiene	12.949	237	272774	120.658	ng	95
43) 2,4,6-Trichlorophenol	13.202	196	107198	45.558	ng	95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.284	196	115456	47.452	ng	#	80
46) 1,1'-Biphenyl	13.602	154	444568	54.448	ng		98
47) 2-Chloronaphthalene	13.649	162	274702	42.130	ng		96
48) 2-Nitroaniline	13.843	65	111805	47.049	ng		91
49) Acenaphthylene	14.495	152	448576	41.285	ng		98
50) Dimethylphthalate	14.219	163	351594	40.756	ng	#	99
51) 2,6-Dinitrotoluene	14.336	165	79630	45.326	ng	#	83
52) Acenaphthene	14.836	154	291910	41.683	ng	#	87
53) 3-Nitroaniline	14.665	138	75725	42.574	ng	#	71
54) 2,4-Dinitrophenol	14.877	184	98582	121.140	ng		93
55) Dibenzofuran	15.170	168	449397	41.282	ng	#	84
56) 4-Nitrophenol	14.977	139	175752m	121.201	ng		
57) 2,4-Dinitrotoluene	15.123	165	108962	50.493	ng	#	92
58) Fluorene	15.817	166	429133	48.208	ng	#	92
59) 2,3,4,6-Tetrachlorophenol	15.394	232	103833	42.160	ng	#	1
60) Diethylphthalate	15.582	149	364204	38.980	ng		99
61) 4-Chlorophenyl-phenyle...	15.811	204	194674	41.824	ng	#	86
62) 4-Nitroaniline	15.823	138	71506	39.752	ng	#	79
63) Azobenzene	16.105	77	392192	36.685	ng		87
65) 4,6-Dinitro-2-methylph...	15.893	198	61406	64.678	ng	#	15
66) n-Nitrosodiphenylamine	16.022	169	544182	87.218	ng		88
67) 4-Bromophenyl-phenylether	16.704	248	122857	49.145	ng		92
68) Hexachlorobenzene	16.833	284	139689	51.556	ng	#	92
69) Atrazine	16.968	200	140078	69.944	ng		97
70) Pentachlorophenol	17.168	266	179326	110.128	ng		98
71) Phenanthrene	17.562	178	563292	50.002	ng		98
72) Anthracene	17.656	178	537197	47.456	ng		96
73) Carbazole	17.914	167	479165	44.159	ng	#	91
74) Di-n-butylphthalate	18.467	149	568286	46.695	ng		98
75) Fluoranthene	19.565	202	596927	43.941	ng		98
77) Benzidine	19.736	184	402391	96.338	ng		95
78) Pyrene	19.924	202	651283	43.277	ng		95
80) Butylbenzylphthalate	20.799	149	261516	46.058	ng		98
81) Benzo(a)anthracene	21.780	228	686966	46.145	ng		98
82) 3,3'-Dichlorobenzidine	21.686	252	129171	27.133	ng		97
83) Chrysene	21.851	228	661717	46.359	ng		96
84) Bis(2-ethylhexyl)phtha...	21.675	149	389502	48.125	ng		94
85) Di-n-octyl phthalate	22.932	149	680782	49.596	ng	#	92
87) Indeno(1,2,3-cd)pyrene	28.942	276	893034	51.321	ng		97
88) Benzo(b)fluoranthene	24.066	252	754923	45.802	ng	#	97
89) Benzo(k)fluoranthene	24.136	252	718840	45.967	ng	#	98
90) Benzo(a)pyrene	24.971	252	743722	49.431	ng	#	97
91) Dibenzo(a,h)anthracene	29.019	278	749125	51.512	ng	#	94
92) Benzo(g,h,i)perylene	30.141	276	745559	50.841	ng		96

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

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